

# 2025

## February

| Date       | Start | End   | Who?          | What has been done?                                              |
|------------|-------|-------|---------------|------------------------------------------------------------------|
| ...        | ...   | ...   | ...           | <a href="#">Add entry</a>                                        |
| 04.02.2025 | 23:00 | 06:00 | Rainer        | Abell 779 (B, V, R, I)                                           |
| 04.02.2025 | 16:00 | 23:00 | Oliver, Jonas | N1 OST 119-122 and N2 (NGCC 663 and M 38) with Team Zeta         |
| 04.02.2025 | 16:30 | 21:15 | Rainer        | Tests with CGX-L, C14, & <u>accessories</u> - quite unsuccessful |
| 04.02.2025 | 09:00 | 14:00 | Rainer        | Flats (B, V, R, I) & darks                                       |
| 03.02.2025 | 23:00 | 06:00 | Rainer        | Abell 779 (B, V, R, I)                                           |

## January

| Date       | Start | End   | Who?                   | What has been done?                                                                            |
|------------|-------|-------|------------------------|------------------------------------------------------------------------------------------------|
| 31.01.2025 | 10:00 | 12:00 | Florian, Aaron, Milena | Tour through the Observatory. Some daytime observations of Venus. Mediocre weather conditions. |
| 06.01.2025 | 22:30 | 00:15 | Rainer                 | DADOS: HIP 992555                                                                              |

# 2024

## December

| Date       | Start | End   | Who?   | What has been done?                                  |
|------------|-------|-------|--------|------------------------------------------------------|
| 16.12.2024 | 12:00 | 12:10 | Rainer | Winter fix for GM4000 HPS mount noise reinstalled    |
| 13.12.2024 | 14:00 | 15:45 | Rainer | Some test exposures (clouds aka. Sun) with the DADOS |

## November

| Date       | Start | End   | Who?                                                       | What has been done?                                     |
|------------|-------|-------|------------------------------------------------------------|---------------------------------------------------------|
| 29.11.2024 | 15:00 | 18:00 | Jonas, Aakash, Harry, Sabela, Max, Fabian, Florian, Rainer | Public observation as part of the Golm Christmas Market |

## October

| Date       | Start | End   | Who?                                                | What has been done?                                                    |
|------------|-------|-------|-----------------------------------------------------|------------------------------------------------------------------------|
| 24.10.2024 | 18:00 | 02:00 | Oliver, Jonas                                       | N1 OST 109, 110, 111, 112, 113 and N2 (NGCC 7789) with team Team Gamma |
| 19.10.2024 | 17:00 | 01:00 | Jonas, Aakash, Max, Florian, Rainer, Henrik, Moritz | Long Night of Astronomy: public observations                           |
| 15.10.2024 | 19:30 | 04:00 | Oliver                                              | NGC 7380 - SII, Halpha, OIII with 20 frames each of 4min exposures     |
| 11.10.2024 | 19:30 | 23:45 | Oliver                                              | M81 Bode's galaxy (test run)                                           |
| 10.10.2024 | 19:00 | 23:00 | Sabela & Moritz                                     | Guided tour for a group from a AEI "summer" school                     |

## September

| Date       | Start | End   | Who?            | What has been done?                                             |
|------------|-------|-------|-----------------|-----------------------------------------------------------------|
| 30.09.2024 | 21:30 | 22:45 | Rainer          | BACHES: HD 1141, some dome problems :(                          |
| 29.09.2024 | 21:00 | 05:00 | Rainer          | BACHES: HD 190993                                               |
| 28.09.2024 | 21:00 | 06:00 | Rainer          | BACHES: HD 190993                                               |
| 23.09.2024 | 09:30 | 18:00 | Rainer          | Flats                                                           |
| 22.09.2024 | 21:00 | 01:00 | Florian, Rainer | OST group image, ZTF J184847.05+115720.3 (C)                    |
| 21.09.2024 | 22:00 | 01:00 | Rainer          | T Coronae Borealis (B, V, R, I, C), ZTF J184847.05+115720.3 (C) |
| 04.09.2024 | 23:00 | 00:30 | Rainer          | DADOS: T Coronae Borealis                                       |

## August

| Date       | Start | End   | Who?   | What has been done?                                                   |
|------------|-------|-------|--------|-----------------------------------------------------------------------|
| 28.08.2024 | 23:00 | 00:30 | Rainer | DADOS: T Coronae Borealis                                             |
| 27.08.2024 | 23:00 | 00:30 | Rainer | DADOS: T Coronae Borealis                                             |
| 26.08.2024 | 23:00 | 01:00 | Rainer | DADOS: T Coronae Borealis                                             |
| 24.08.2024 | 23:00 | 01:00 | Rainer | DADOS: T Coronae Borealis                                             |
| 23.08.2024 | 12:30 | 13:00 | Rainer | OST: Updated deltaT and UTC data: Now valid until: 16.01.2025         |
| 15.08.2024 | 23:45 | 02:00 | Rainer | T Coronae Borealis (B, V, R, I, C)                                    |
| 12.08.2024 | 23:00 | 02:00 | Rainer | T Coronae Borealis (B, V, R, I, C); QHY600: significant driver issues |

## July

| Date       | Start | End   | Who?          | What has been done?                                                            |
|------------|-------|-------|---------------|--------------------------------------------------------------------------------|
| 29.07.2024 | 21:30 | 01:30 | Fabian, Jonas | N1 OST 105, 106, 107,108 with team Team Eta                                    |
| 24.07.2024 | 22:45 | 01:15 | Rainer        | APO: T Coronae Borealis (g', r', i', z-s', Clear)                              |
| 24.07.2024 | 21:30 | 03:30 | Fabian, Jonas | N1 OST 101, 102, 103,104 and N2 (NGCC 7789) with team Team Zeta                |
| 23.07.2024 | 23:00 | 03:00 | Rainer        | Darks                                                                          |
| 22.07.2024 | 22:45 | 00:15 | Rainer        | T Coronae Borealis (B, V, R, I, C)                                             |
| 20.07.2024 | 22:45 | 01:00 | Rainer        | T Coronae Borealis (B, V, R, I, C)                                             |
| 19.07.2024 | 22:30 | 01:00 | Rainer        | T Coronae Borealis (B, V, R, I, C), Tests: APO with Raspberry Pi               |
| 18.07.2024 | 09:00 | 13:00 | Rainer        | Flats (B, V, R, I, C)                                                          |
| 17.07.2024 | 00:00 | 01:00 | Rainer        | T Coronae Borealis (B, V, R, I, C)                                             |
| 09.07.2024 | 22:00 | 03:30 | Fabian, Jonas | N1 OST 97, 98, 99,100 and N2 (NGCC 6811) with team Team Alpha (only 1 student) |

## June

| Date       | Start | End   | Who?          | What has been done?                                                    |
|------------|-------|-------|---------------|------------------------------------------------------------------------|
| 24.06.2024 | 23:00 | 09:00 | Rainer        | T Coronae Borealis (B, V, R, I, C), Darks                              |
| 13.06.2024 | 22:00 | 00:30 | Fabian, Jonas | C3 and C5 with team Theta. T Coronae Borealis (B, V, R, I, C) sequence |
| 11.06.2024 | 23:00 | 09:00 | Rainer        | T Coronae Borealis (B, V, R, I, C), Darks                              |
| 10.06.2024 | 09:00 | 00:00 | Rainer        | Flats                                                                  |

| Date       | Start | End   | Who?   | What has been done?                                     |
|------------|-------|-------|--------|---------------------------------------------------------|
| 09.06.2024 | 23:00 | 01:00 | Rainer | T Coronae Borealis (B, V, R, I, C)                      |
| 08.06.2024 | 22:30 | 04:00 | Rainer | New pointing model + T Coronae Borealis (B, V, R, I, C) |

## May

| Date       | Start | End   | Who?          | What has been done?                                                       |
|------------|-------|-------|---------------|---------------------------------------------------------------------------|
| 14.05.2024 | 22:00 | 04:00 | Fabian, Jonas | N2 (M52 and NGC 7789) and N1 OST 96 (only 1 star ) with team Beta         |
| 08.05.2024 | 21:30 | 01:00 | Fabian, Jonas | N1 OST 95 (only 1 star, then clouds formed ) with team Epsilon            |
| 08.05.2024 | 16:30 | 17:00 | Florian       | Replace filament in the 3D Printer. Changed to PLA (black)                |
| 02.05.2024 | 21:30 | 04:00 | Fabian, Jonas | O1 (M51 and M3) and C1 (M101) with team Theta                             |
| 02.05.2024 | 21:00 | 08:00 | Florian       | RC8+EQ8: Imaging NGC4631 (Luminance) and NGC6888 (Luminance+Halpaha+OIII) |

## April

| Date       | Start | End   | Who?     | What has been done?                                |
|------------|-------|-------|----------|----------------------------------------------------|
| 17.04.2024 | 22:30 | 12:30 | Jeremias | Messier 101 + T Coronae Borealis                   |
| 10.04.2024 | 21:30 | 6:00  | Jeremias | HW Vir + T Coronae Borealis                        |
| 08.04.2024 | 09:30 | 10:00 | Rainer   | Winter fix for noise from GM4000 HPS mount removed |
| 06.04.2024 | 23:30 | 10:00 | Jeremias | NGC 5457 and long exposure tests                   |
| 05.04.2024 | 09:30 | 15:15 | Rainer   | Flats (B, V, R, I, C)                              |
| 04.04.2024 | 22:30 | 23:15 | Rainer   | T Coronae Borealis (B, V, R, I, C)                 |

## March

| Date       | Start | End   | Who?     | What has been done?                                     |
|------------|-------|-------|----------|---------------------------------------------------------|
| 26.03.2024 | 10:00 | 18:15 | Rainer   | Flats & darks                                           |
| 25.03.2024 | 21:00 | 08:00 | Jeremias | HwVir Observation, T Coronae Borealis, M51 Imaging Test |
| 18.03.2024 | 21:00 | 01:00 | Jeremias | HwVir Observation                                       |
| 07.03.2024 | 19:00 | 00:00 | Jeremias | HwVir Observation                                       |
| 07.03.2024 | 10:00 | 15:00 | Rainer   | Guided tour                                             |

## February

| Date       | Start | End   | Who?     | What has been done?                           |
|------------|-------|-------|----------|-----------------------------------------------|
| 25.02.2024 | 22:30 | 02:30 | Jeremias | Hw Vir Observation                            |
| 08.02.2024 | 13:00 | 13:30 | Rainer   | Fix for noise from GM4000 HPS mount installed |

## January

| Date       | Start | End   | Who?            | What has been done?                                                                                      |
|------------|-------|-------|-----------------|----------------------------------------------------------------------------------------------------------|
| 30.01.2024 | 20:30 | 01:00 | Jannik, Florian | CDK20+QHY600M: Imaging of NGC4216 (B, V, R)                                                              |
| 29.01.2024 | 11:00 | 12:30 | Martin, Florian | Solar Halpaha observations with a massive Halpaha arc visible. Taking flats for last night's observation |
| 28.01.2024 | 19:00 | 8:00  | Florian         | QHY600M+OST: NGC4216, SN2024gy (B, V, R), NGC2264 (V, Halpaha, OIII), 12P/PonsBrooks (R, V, B)           |

| Date       | Start | End   | Who?                   | What has been done?                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|-------|-------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19.01.2024 | 13:00 | 14:00 | Moritz, Jan-Marco      | Mock Observations with Team Alpha: N2.                                                                                                                                                                                                                                                                                                                                                                    |
| 18.01.2024 | 14:00 | 15:00 | Moritz, Jan-Marco      | Mock Observations with Team Theta: N1 and N2.                                                                                                                                                                                                                                                                                                                                                             |
| 15.01.2024 | 14:00 | 15:00 | Moritz, Jan-Marco      | Mock Observations with Team Kappa: N1 and N2. Mystery: RASA was not properly covered by the rain cover anymore. Optics got wet.                                                                                                                                                                                                                                                                           |
| 09.01.2024 | 19:00 | 01:00 | Moritz, Jan-Marco      | Observations with Team Zeta: N1 (OST 91 - 94) and N2 (M103 and M52). Exceptional Weather and perfect observing conditions                                                                                                                                                                                                                                                                                 |
| 09.01.2024 | 15:00 | 07:00 | Florian, Jannik        | Attempting to observe with the RASA. Partially successful. The problem with the sensor tilt still remains. A proper tilting is necessary. Problems with the power supply for the RASA-QHY600M camera. Connection was lost frequently. Also found weird offset in the pointing with the new SkyWatcher EQ8 mount. Also need proper power cable for the mount. The cigarette plug is a bit inconvenient ... |
| 09.01.2024 | 15:00 | 16:00 | Moritz, Jan-Marco      | Mock Observations with Team Beta: N2                                                                                                                                                                                                                                                                                                                                                                      |
| 08.01.2024 | 15:00 | 07:00 | Florian, Jonas, Jannik | Observing Exoplanet Transits: TOI1784.1b and TOI1179.01b in R, V, and B band, afterwards: Imaging of galaxies NGC1300, and NGC4395                                                                                                                                                                                                                                                                        |
| 08.01.2024 | 11:00 | 14:00 | Florian, Rainer        | Tightening the stress relief cables. They still seems to wiggle a lot when opening/closing the dome. No remote observations possible for the next time. Is it the temperature that makes their plastic skin stiffer than usual?                                                                                                                                                                           |

## 2023

### December

| Date       | Start | End   | Who?                 | What has been done?                                                          |
|------------|-------|-------|----------------------|------------------------------------------------------------------------------|
| 19.12.2023 | 12:00 | 14:00 | Rainer, Florian, Max | Mounting the strain relief wires on the dome.                                |
| 17.12.2023 | 16:30 | 09:30 | Florian              | CDK20 + QHY600M Imaging: M42, M106, NGC1333, IC348, Jupiter, 12P Pons-Brooks |
| 15.12.2023 | 15:30 | 16:00 | Rainer, Florian      | Installing the Software and hardware Upgrade of the weather station          |
| 13.12.2023 | 12:30 | 13:30 | Moritz               | Mock Observation for N1 and N2 with Team Eta.                                |

### November

| Date       | Start | End   | Who?              | What has been done?                                                                                                                                           |
|------------|-------|-------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21.11.2023 | 22:00 | 03:00 | Moritz, Jan-Marco | N1 Observation with Team Alpha (OST87, 88, 89, 90). No technical difficulties, yay. Towards the end clouds came in, so stopped after N1 and did not continue. |
| 21.11.2023 | 22:00 | 03:00 | Florian, Jannik   | Observations with the RC8. The telescope didn't seem to be properly collimated. Take some test images of Messier 74.                                          |

| Date       | Start | End   | Who?              | What has been done?                                                                                                                                              |
|------------|-------|-------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.11.2023 | 18:00 | 23:00 | Moritz, Jan-Marco | N1 Observations with Team beta. Major technical difficulties with dome and telescope and some minor with misplaced adapters. When everything fixed, clouds came. |

## September

| Date       | Start | End   | Who?                   | What has been done?                                                                                                                                                                                                                                                                                        |
|------------|-------|-------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.09.2023 | 09:00 | 10:00 | Florian, Rainer, Jonas | Taking flat frames for the mobile telescope. Correcting the dome driver that was wrongly set to "equatorial" as mount type instead of "german equatorial"                                                                                                                                                  |
| 24.09.2023 | 19:00 | 22:00 | Florian, Jonas         | Try capture the ISS passage. Due to insufficient pointing, transit was missed by the telescope. Furthermore: Dome is misaligned with the telescope by ~5-10 deg. Manual tracking for some time, then abortion of the observations as also reboot of the OMS did not seem to help. Lucky imaging of Saturn. |
| 14.09.2023 | 20:00 | 08:30 | Moritz, Jan-Marco      | M3 and some random star                                                                                                                                                                                                                                                                                    |
| 11.09.2023 | 20:00 | 08:30 | Florian                | Imaging with the OST+QHY600M: Bubble Nebula in SHO, RC8+ASI2600MC: Widefield Mosaic of the Bubble Nebula and its surroundings                                                                                                                                                                              |
| 09.09.2023 | 23:30 | 06:00 | Florian                | Imaging with the OST+QHY600M: Star Cluster NGC1502, Small Dumbbell Nebula (M76)                                                                                                                                                                                                                            |
| 09.09.2023 | 13:00 | 22:00 | Rainer & guests        | OST: Visual observation; APO: Visual solar observations                                                                                                                                                                                                                                                    |
| 08.09.2023 | 20:00 | 06:00 | Florian                | Imaging with the OST+QHY600M: M11, Pelican Nebula                                                                                                                                                                                                                                                          |
| 08.09.2023 | 10:00 | 16:00 | Rainer                 | Solar observations (visually) with the Herschel wedge and APO. GM4000HPS: Firmware update & balancing                                                                                                                                                                                                      |
| 07.09.2023 | 12:00 | 16:00 | Rainer                 | Solar observations (photographic) with the Herschel wedge and APO.                                                                                                                                                                                                                                         |
| 06.09.2023 | 20:00 | 06:00 | Florian, Guest         | Imaging with the OST: Iris nebula, Helix nebula, planetary imaging of Jupiter. Take data for a timelapse with the Great Red Spot.                                                                                                                                                                          |
| 06.09.2023 | 10:00 | 16:00 | Rainer                 | Solar observations (photographic) with the Herschel wedge and APO.                                                                                                                                                                                                                                         |
| 05.09.2023 | 20:00 | 06:00 | Florian, Moritz        | Imaging with the OST+QHY600M: M17 (Omega nebula), Iris Nebula                                                                                                                                                                                                                                              |
| 05.09.2023 | 10:00 | 16:00 | Rainer                 | Solar observations (photographic) with the Herschel wedge and APO.                                                                                                                                                                                                                                         |
| 04.09.2023 | 19:00 | 08:00 | Florian                | Elaborate night observations. Imaging with RASA+QHY600M: M31, M33, Comet C/2023 P1 Nishimura, Imaging with the OST+QHY600M: NGC6888, M16, Comet C/2023 P1 Nishimura. Also: Mounted the new SDSS 50x50mm r, g, and i filters.                                                                               |
| 04.09.2023 | 12:00 | 16:00 | Rainer, Florian        | Setting up equipment for the night. Solar observations with the APO and CGE-Pro. Tests with the Herschel wedge.                                                                                                                                                                                            |

## August

| Date       | Start | End   | Who?   | What has been done? |
|------------|-------|-------|--------|---------------------|
| 24.08.2023 | 10:00 | 11:00 | Martin | Solar observations  |

## July

| Date       | Start | End   | Who?                    | What has been done?                                                                                                                                                       |
|------------|-------|-------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13.07.2023 | 22:00 | 00:30 | Florian                 | Attempt bachelor observations. However, due to bad weather conditions, no observations were possible.                                                                     |
| 08.07.2023 | 22:30 | 06:00 | Florian                 | Attempting to collimate the RASA. Not easy! Has to be re-done another time. At least it hasn't gotten worse ..., also imaging of NGC281 and the Veil Nebula               |
| 07.07.2023 | 22:30 | 06:00 | Florian, Fabian         | Observations with master students (team beta), N1 only. Further testing of the RASA and deeper imaging of NGC6888. Even the soap bubble nebula can be seen in the images! |
| 06.07.2023 | 22:30 | 06:00 | Florian                 | Testing the RASA in Halpha narrow band: Imaging of NGC6888 with the QHY600M. There is a camera tilt of the sensor and the collimation need to be checked.                 |
| 05.07.2023 | 10:00 | 12:00 | Rainer, Martin, Florian | Solar observations with school Class (3rd graders), sadly lots of clouds                                                                                                  |

## June

| Date       | Start | End   | Who?                            | What has been done?                                                                                                                                                                                                |
|------------|-------|-------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27.06.2023 | 23:45 | 04:30 | Florian                         | SN hunting. Mediocre weather conditions (see the all sky cam recording for reference). Photometric measurements (V and R-Band) of 10 tiles for the GRANDMA collaboration. Afterwards: SN2023ixf V and R photometry |
| 26.06.2023 | 10:00 | 15:00 | Moritz, Florian, Rainer, Intern | Solar observations                                                                                                                                                                                                 |
| 21.06.2023 | 22:00 | 02:00 | Moritz & Fabian                 | N1 with group eta (OST65 - 68)                                                                                                                                                                                     |
| 13.06.2023 | 22:00 | 03:30 | Florian                         | OST: Messier 101 + SN2023ixf                                                                                                                                                                                       |

## May

| Date       | Start | End   | Who?                    | What has been done?                                                                                                                                                                                                                                  |
|------------|-------|-------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30.05.2023 | 21:30 | 05:00 | Florian, Mauricio       | Imaging with RASA and ASI2600MC: M101 and NGC7000                                                                                                                                                                                                    |
| 30.05.2023 | 22:00 | 03:30 | Moritz, Fabian          | N1(OST61 - 64) and N2(M52, NGC7789) with Theta, also lucky imaging of Moon and Venus                                                                                                                                                                 |
| 27.05.2023 | 22:00 | 03:30 | Florian                 | OST: Messier 101 + SN2023ixf                                                                                                                                                                                                                         |
| 26.05.2023 | 22:00 | 03:30 | Florian                 | OST: Messier 101 + SN2023ixf                                                                                                                                                                                                                         |
| 25.05.2023 | 22:00 | 06:00 | Florian                 | RASA11+ASI2600MC: Messier 101 + SN2023ixf, OST: Messier 101 + SN2023ixf                                                                                                                                                                              |
| 24.05.2023 | 22:00 | 01:00 | Moritz, Fabian, Florian | First light with the RASA11+ASI2600MC: Messier 101 + SN2023ixf. Sadly the observations had to be cancelled because the Schmidt plate got pretty wet ...; In parallel: Student observations N1(OST57 - OST60) and N2(NGC663, NGC6811) with Team Alpha |
| 20.05.2023 | 22:00 | 10:00 | Florian                 | Imaging of Messier 101 (C+RVB) and SN 2023ixf; Calibration data has been taken in the morning                                                                                                                                                        |
| 19.05.2023 | 08:00 | 09:00 | Florian                 | Taken calibration data for the last observation                                                                                                                                                                                                      |
| 16.05.2023 | 22:00 | 05:00 | Florian                 | Imaging of Messier 106 (C+RVB)                                                                                                                                                                                                                       |

| Date       | Start | End   | Who?            | What has been done?                                    |
|------------|-------|-------|-----------------|--------------------------------------------------------|
| 08.05.2023 | 22:00 | 04:00 | Moritz + Fabian | N1(OST53 - OST56) and N2(M52, NGC7789) with Team Delta |
| 03.05.2023 | 21:00 | 02:00 | Jeremias        | Lightcurve of HW Vir System HS0705+6700                |

## April

| Date       | Start | End   | Who?                            | What has been done?                                                                                                                                   |
|------------|-------|-------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.04.2023 | 22:00 | 03:00 | Jan-Marco, Florian              | Photometry of Messier 3 (B, V, R-band)                                                                                                                |
| 24.04.2023 | 13:00 | 15:00 | Rainer, Florian, Fabian, Moritz | Disassembly of strain relief box plus preparation for shipping                                                                                        |
| 21.04.2023 | 19:00 | 07:30 | Florian                         | Imaging with several mobile telescopes. Wide field mosaic of the Milky Way with a Luminance filter, M81&M82; OST: Imaging Coma galaxy cluster (RVB+C) |
| 20.04.2023 | 21:30 | 03:00 | Jeremias                        | Lightcurve of HW Vir System HS0705+6700                                                                                                               |
| 20.04.2023 | 10:00 | 12:00 | Rainer, Florian, Jeremias       | Repair one strain relief cable. Discover that one of the hydraulic cylinders leak » oil drips out of the strain relief box                            |
| 06.04.2023 | 20:00 | 08:30 | Florian                         | Imaging M51 both with the CDK20 (QHY600M) and the Apo (ZWO ASI 2600MC)                                                                                |
| 04.04.2023 | 09:00 | 10:30 | Florian                         | Taking dark frames for the observation data from the previous nights                                                                                  |
| 03.04.2023 | 09:00 | 11:30 | Florian                         | Sun observations with the Apo                                                                                                                         |
| 02.04.2023 | 20:00 | 09:30 | Florian                         | Imaging with the CDK20: Mercury (quick and dirty), Venus (lucky imaging), M42, M81; First DSO tests with the new refracting telescope: M81, M82       |

## March

| Date       | Start | End   | Who?                                 | What has been done?                                                                                                               |
|------------|-------|-------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 31.03.2023 | 09:00 | 10:30 | Rainer, Florian                      | Dome is fully repaired. It is operational again. Though: Watch the cables for the next couple of days -> on-site operations only. |
| 28.03.2023 | 09:00 | 11:30 | Rainer, Florian                      | 7th-graders visiting the observatory: A presentation followed by solar observations                                               |
| 22.03.2023 | 12:30 | 14:00 | Rainer, Florian, Max, Fabian, Moritz | Mounting the new Zugentlastung for the Dome. We could not complete due to two missing pulleys                                     |

## February

| Date       | Start | End   | Who?                         | What has been done?                                                                                                         |
|------------|-------|-------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 27.02.2023 | 10:00 | 13:00 | Rainer, Max, Florian, Moritz | Mounting and dismounting the Zugentlastung for the Dome                                                                     |
| 09.02.2023 | 14:00 | 15:30 | Florian, Moritz, Fabian      | Mock observations with students: N1 & N2                                                                                    |
| 08.02.2023 | 18:00 | 21:00 | Rainer, Florian              | Viewing of C/2022 E3 (ZTF) with some students on the roof, also taking some images of the comet, M42 and the Rosette Nebula |

## January

| Date       | Start | End   | Who?                                   | What has been done?                                          |
|------------|-------|-------|----------------------------------------|--------------------------------------------------------------|
| 31.01.2023 | 18:00 | 21:00 | Florian                                | Taking images of C/2022 E3 (ZTF)                             |
| 11.01.2023 | 18:00 | 22:00 | Florian, Moritz, Fabian, Group X       | N1 observations: OST                                         |
| 09.01.2023 | 19:00 | 20:30 | Florian, Moritz, Fabian, Group Epsilon | N2 mock observations                                         |
| 04.01.2023 | 15:00 | 16:00 | Florian                                | Taken 3×3 clear-filter flats with the CDK20                  |
| 03.01.2023 | 15:00 | 16:00 | Rainer, Florian                        | First Light with the new Apo! (Moon and Mars during daytime) |

## 2022

### December

| Date       | Start | End   | Who?            | What has been done?                                                                                  |
|------------|-------|-------|-----------------|------------------------------------------------------------------------------------------------------|
| 27.12.2022 | 02:00 | 5:00  | Florian         | Observations on close passing asteroid 2010×15; Flats still need to be taken... (clear glass filter) |
| 14.12.2022 | 19:00 | 5:00  | Jeremias        | HWVir-Observations                                                                                   |
| 13.12.2022 | 18:00 | 23:00 | Moritz, Florian | Student observations (N1): OST45, OST46, OST47, OST48                                                |
| 07.12.2022 | 22:30 | 23:30 | Jeremias        | Test/Moon shots                                                                                      |
| 01.12.2022 | 14:00 | 16:30 | Rainer          | Darks QYH600M 2×2 and 3×3 binning                                                                    |

### November

| Date       | Start | End   | Who?                         | What has been done?                                                                                                                                                                                                                         |
|------------|-------|-------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 23.11.2022 | 22:00 | 04:00 | Jeremias, Florian und Rainer | QHY600M: DeerLick, IRIS nebula, ZTF22abunjts                                                                                                                                                                                                |
| 18.11.2022 | 22:00 | 05:00 | Moritz, Florian und Rainer   | Test observations of a HW Virginis system                                                                                                                                                                                                   |
| 17.11.2022 | 17:30 | 20:30 | Florian, Moritz, Harry, Max  | Public outreach. Presentations in the seminar room and tours in the observatory                                                                                                                                                             |
| 14.11.2022 | 20:00 | 03:00 | Florian, Moritz, Group Zeta  | N1 Observation of OST41 to OST44, N2 Observation of NGC 663 and M37; Perfect observing conditions, OMS crashed once at the end.                                                                                                             |
| 14.11.2022 | 16:00 | 20:00 | Moritz, Florian, Max         | Trying to observe unknown unclassified planetary nebula.                                                                                                                                                                                    |
| 11.11.2022 | 19:00 | 00:00 | Florian, Group Eta           | QHY600M: (N2) NGC 7789, M 52; Poor observing conditions. Be cautious when handling the data of this observation night.                                                                                                                      |
| 04.11.2022 | 11:30 | 14:00 | Moritz                       | Taking Flats and Darks for Bubble Nebula Imaging. Also Experimenting with Halpha, OIII and SII Flats (Domeflats and Skyflats). Skyflats work very well. Filters might have to be worked on, because of noncontinuous illumination of flats. |
| 02.11.2022 | 18:45 | 02:00 | Moritz, Florian, Group Gamma | N2: NGC 663, NGC 869, Imaging of Bubble Nebula and tests with the mobile mount afterwards                                                                                                                                                   |

| Date       | Start | End   | Who?                            | What has been done?                                   |
|------------|-------|-------|---------------------------------|-------------------------------------------------------|
| 01.11.2022 | 18:30 | 03:30 | Moritz, Florian,<br>Group Alpha | N1 BACHES: Star 37, 38, 39, 40; N2: NGC 7789, NGC 884 |

## October

| Date       | Start | End   | Who?                               | What has been done?                                                                                                                                         |
|------------|-------|-------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.10.2022 | 22:00 | 01:30 | Florian, Group Gamma               | N1 (BACHES): Star 75, 76, 77, 78                                                                                                                            |
| 25.10.2022 | 20:00 | 02:00 | Florian, Fabian,<br>Group Eta      | N1 (BACHES): Star 70, 71, 72, 73, UU Aur (= Star 74), Neptune; no observations afterwards because of dense fog                                              |
| 25.10.2022 | 09:00 | 14:00 | Rainer, Florian,<br>Martin, Fabian | Watching the solar eclipse on the roof with many institute members » weather was rather dissatisfying                                                       |
| 19.10.2022 | 12:00 | 02:00 | Florian, Rainer                    | Tests with the new camera and BACHES, spectroscopy during the night observations                                                                            |
| 18.10.2022 | 17:30 | 19:00 | Rainer, Florian                    | Presenting the (mobile) telescope to the new lab course students                                                                                            |
| 14.10.2022 | 19:00 | 22:00 | Florian                            | Some tests on the mobile telescope » trying to establish remote control                                                                                     |
| 12.10.2022 | 08:00 | 17:30 | Florian, Rainer                    | Lecture for 5th graders about telescopes and visual solar observations and looking through the CDK20. Afterwards: Some solar observations                   |
| 11.10.2022 | 22:00 | 08:00 | Rainer                             | BACHES test exposures with barlow lense (priliminary configuration); dark exposures afterwards                                                              |
| 05.10.2022 | 23:00 | 10:00 | Rainer                             | TIC467187065: B, V, & R time series; flats; darks; biases                                                                                                   |
| 05.10.2022 | 08:00 | 12:00 | Rainer, Florian                    | Lecture for 5th graders about telescopes and visual solar observations and looking through the CDK20. Afterwards: Taken some white light images of the sun. |
| 02.10.2022 | 21:00 | 14:00 | Rainer                             | TIC467187065: B, V, & R time series; B, V, & R photometry of NGC6866; flats; darks; biases; caution: camera cooling not activated                           |

## September

| Date       | Start | End   | Who?                | What has been done?                                                                                                                                                                                                            |
|------------|-------|-------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30.09.2022 | 19:00 | 23:00 | Florian             | RVB Photometry on Messier 11. Observations had to be aborted due to bad weather conditions. OMS had to be restarted due to camera connection issue.                                                                            |
| 29.09.2022 | 09:00 | 12:00 | Rainer,<br>Florian  | Lecture for 4th graders about the solar system. Afterwards: Solar observations and looking through the CDK20.                                                                                                                  |
| 23.09.2022 | 18:30 | 21:00 | Florian             | Taken test exposures of Albireo, M37, and Vega to check whether the chip tilt problem from last night is resolved.                                                                                                             |
| 22.09.2022 | 18:30 | 03:00 | Florian,<br>Coleman | Images of Jupiter, observing transit of TOI 1498.1 b, On images (QHY600): Stars at the center are focused while the ones in the edges are not. Camera chip tilted?, poorly glued to the camera body? - This would be very bad! |
| 21.09.2022 | 20:00 | 01:00 | Florian             | Images of Jupiter, Saturn, Neptune, observations needed to be stopped because of bad weather conditions                                                                                                                        |
| 07.09.2022 | 23:00 | 05:30 | Rainer,<br>Florian  | Planetarium Potsdam Crew (visual observations)                                                                                                                                                                                 |
| 04.09.2022 | 23:00 | 05:30 | Rainer              | QHY600: photometry of TIC467187065 (B & V)                                                                                                                                                                                     |

| Date       | Start | End   | Who?   | What has been done?                          |
|------------|-------|-------|--------|----------------------------------------------|
| 02.09.2022 | 09:30 | 10:15 | Rainer | QHY600: flats (B, V, R); darks; bias         |
| 01.09.2022 | 23:30 | 05:15 | Rainer | QHY600: photometry of TIC467187065 (B, V, R) |

## August

| Date       | Start | End   | Who?               | What has been done?                                  |
|------------|-------|-------|--------------------|------------------------------------------------------|
| 24.08.2022 | 23:30 | 05:30 | Rainer             | QHY600: photometry of NGC6819 (B, V, R)              |
| 24.08.2022 | 09:30 | 10:30 | Rainer             | QHY600: flats (B, V, R); darks; bias                 |
| 23.08.2022 | 23:00 | 05:00 | Rainer             | QHY600: photometry of NGC1245 (B, V, R)              |
| 10.08.2022 | 21:30 | 23:00 | Florian, Jan-Marco | QHY600: photometry of M3 (B, V)                      |
| 10.08.2022 | 10:00 | 10:30 | Rainer             | QHY600: flats B & V                                  |
| 08.08.2022 | 23:00 | 06:00 | Rainer             | QHY600: photometry of M3 (B, V, R) and NGC136 (B, V) |

## July

| Date       | Start | End   | Who?                        | What has been done?                                                                                       |
|------------|-------|-------|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| 28.07.2022 | 22:30 | 02:00 | Florian, Moritz, Team Eta   | Bachelor Observations                                                                                     |
| 21.07.2022 | 22:30 | 02:00 | Florian, Moritz, Team Zeta  | N1, some imaging afterwards                                                                               |
| 19.07.2022 | 14:00 | ...   | Rainer                      | Doorlock seems broken. Keys slide in for 2.5cm but don't go in further. » observatory inaccessible        |
| 14.07.2022 | 22:30 | 06:00 | Group Eta, Moritz & Florian | O1, C3, C4, C6                                                                                            |
| 04.07.2022 | 21:30 | 00:30 | Florian                     | Taken dark frames for the previous nights and imaging of the crescent moon » 2-panel mosaic               |
| 04.07.2022 | 08:30 | 13:30 | Florian, Rainer             | Telescope demonstration and observation of the Sun and Venus with a group of students.                    |
| 03.07.2022 | 10:30 | 11:30 | Florian                     | Calibration images for last night, darks still need to be done because the camera didn't cool down enough |
| 02.07.2022 | 22:00 | 03:30 | Florian                     | Imaging: crescent Moon » 2-panel mosaic, M16, M17, M57, M27                                               |
| 01.07.2022 | 10:30 | 11:30 | Rainer                      | Visit from the administration: Telescope demonstration + presentation about our observatory in the dome   |

## June

| Date       | Start | End   | Who?                         | What has been done?                              |
|------------|-------|-------|------------------------------|--------------------------------------------------|
| 24.06.2022 | 06:45 | 10:45 | Florian, Coleman, Rainer     | ISS transit (mobile mounts)                      |
| 19.06.2022 | 08:00 | 11:00 | Florian, Jan-Marco           | ISS transit (mobile mounts) » sadly unsuccessful |
| 23.06.2022 | 22:45 | 06:15 | Rainer                       | B & V of IC144                                   |
| 23.06.2022 | 09:15 | 10:30 | Rainer                       | B & V flats                                      |
| 22.06.2022 | 23:00 | 07:00 | Rainer                       | B & V of M13 & IC1434                            |
| 15.06.2022 | 18:00 | 19:00 | Florian, Moritz, Team: Alpha | Mock observations N2                             |

| Date       | Start | End   | Who?                                        | What has been done?                                                                                                              |
|------------|-------|-------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 14.06.2022 | 18:00 | 03:00 | Florian, Moritz, Team: Beta, Gamma, Epsilon | N2 mock observations Team Beta, Gamma, Epsilon; afterward: N1: Team Epsilon                                                      |
| 13.06.2022 | 23:00 | 01:00 | Rainer                                      | Test observations of NGC559 (B & V)                                                                                              |
| 10.06.2022 | 22:00 | 00:30 | Florian, Team Delta                         | N2 dummy observations                                                                                                            |
| 10.06.2022 | 13:00 | 15:30 | Florian & Rainer                            | Hochschulinformationstag: Demonstration of the observatory as well as observations of the Sun and Venus with a group of students |
| 03.06.2022 | 9:30  | 18:00 | Florian, Moritz, Rainer, Martin, Group Eta  | C2, C8; afterward: Some more Halpha sun imaging                                                                                  |
| 02.06.2022 | 22:00 | 03:00 | Florian, Moritz, Group Alpha & Beta         | N1 BACHES: OST 25, OST 26, OST 27, OST 28, OST 29, OST 30, OST 31, OST 32                                                        |

## May

| Date       | Start | End   | Who?                         | What has been done?                                                                                                          |
|------------|-------|-------|------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 31.05.2022 | 11:00 | 12:00 | Florian, Martin              | visual white light Sun observations                                                                                          |
| 18.05.2022 | 21:00 | 04:00 | Florian, Moritz, Group Gamma | BACHES: N1: OST21, OST22, OST23, OST24; OST25, M82 (basically no signal). Skies were pretty hazy » no photometric conditions |
| 18.05.2022 | 15:00 | 18:00 | Florian, Jan-Marco           | Sun imaging in white light + Halpha                                                                                          |
| 16.05.2022 | 11:00 | 19:00 | Florian, Martin              | Sun imaging in white light + Halpha                                                                                          |
| 14.05.2022 | 22:00 | 07:00 | Rainer                       | NGC559 + GRB220514A (B + V) + Darks                                                                                          |
| 10.05.2022 | 09:30 | 10:10 | Rainer                       | Flats + Flatdarks                                                                                                            |
| 09.05.2022 | 23:00 | 07:00 | Rainer                       | M67 (B + V) + Darks                                                                                                          |
| 05.05.2022 | 10:00 | 18:00 | Florian, Martin, Max, Harry  | Sun imaging in white light + Halpha                                                                                          |

## April

| Date       | Start | End   | Who?                  | What has been done?                                                                                                                                                                     |
|------------|-------|-------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.04.2022 | 20:00 | 08:00 | Florian, Max & Julius | B-V Photometry on NGC188, afterward: Spectroscopy on TYC 4427-1021-1 » Blurry images from DADOS when calibrating with calibration unit (particularly flat frames seem blurred)          |
| 25.04.2022 | 20:00 | 21:00 | Florian               | Test with the DADOS RCU » bug fixing in the Arduino code » is fully operational now, what remains is a proper data reduction pipeline (WIP)                                             |
| 25.04.2022 | 09:00 | 11:30 | Florian               | Taken darks for observation of the previous night                                                                                                                                       |
| 24.04.2022 | 23:30 | 04:30 | Rainer                | NGC6939: B & V photometry                                                                                                                                                               |
| 16.04.2022 | 16:00 | 19:00 | Florian               | Taken pictures of the observatory during daytime, communication tests with the DADOS RCU » communication successful. However, no proper response of the RCU when commands are forwarded |
| 12.04.2022 | 21:00 | 02:00 | Florian               | Photometry on SN afterglow                                                                                                                                                              |

## March

| Date       | Start | End   | Who?    | What has been done?                             |
|------------|-------|-------|---------|-------------------------------------------------|
| 26.03.2022 | 12:00 | 20:00 | Florian | Taken dark frames for the last couple of nights |

| Date       | Start | End   | Who?             | What has been done?                                                                                                                                                                            |
|------------|-------|-------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.03.2022 | 19:00 | 06:00 | Florian          | QHY600M: Testing mosaic functionality of MaximDL » highly unstable as MaximDL crashed often ...; Photometry on GRB220325 » very low altitude above horizon                                     |
| 24.03.2022 | 19:00 | 06:00 | Florian          | QHY600M: Imaging of Leo Triplet in LRGB+halp                                                                                                                                                   |
| 23.03.2022 | 19:00 | 06:00 | Florian          | QHY600M: Images of JWST in Leo » try for astrometric calculations                                                                                                                              |
| 20.03.2022 | 19:00 | 06:00 | Florian          | QHY600M: Follow-up on yesterday's photometry, afterwards: Imaging of M97                                                                                                                       |
| 19.03.2022 | 18:00 | 07:00 | Florian          | Some basic tests with the DADOS RCU; BACHES: Theta1oriC, Regulus, Moon; QHY600M: Try photometry on afterglow of GRB 220319A in I- and R-band » no proper source visible in the images          |
| 11.03.2022 | 20:00 | 05:00 | Florian          | QHY600M: Iris nebula                                                                                                                                                                           |
| 09.03.2022 | 19:00 | 09:00 | Florian          | Some tests with the filter wheel first, then imaging: Rosette nebula, M101 » check whether the problem from last night has been solved                                                         |
| 08.03.2022 | 18:00 | 07:00 | Florian & Moritz | DADOS: M31, M81, M82, M104, BD+53 2790, Imaging: M104, M57 » flats correction is not optimal, dust donuts are not properly corrected in the calibrated stack » an issue with the filter wheel? |
| 07.03.2022 | 20:00 | 14:00 | Florian & Julian | Start of the Good-Weather-Marathon; Imaging: Horse Head Nebula (Halp), Cone Nebula, DADOS: HIP100142, WR1, WR136, WR139, WR140, QSO 3C 273, BD+53 2790                                         |
| 03.03.2022 | 06:00 | 22:00 | Rainer           | Darks, flats, and meridian flip tests                                                                                                                                                          |
| 02.03.2022 | 19:00 | 06:00 | Rainer           | GALEX J194442.8+544942: B & V light curve                                                                                                                                                      |
| 01.03.2022 | 22:00 | 02:00 | Rainer           | Test exposures of GALEX J194442.8+544942                                                                                                                                                       |

## February

| Date       | Start | End   | Who?                     | What has been done?                                                                                                                                                                         |
|------------|-------|-------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28.02.2022 | 19:00 | 08:00 | Florian                  | Exoplanet transit, pictures of JWST, NGC 2024                                                                                                                                               |
| 23.02.2022 | 22:00 | 06:30 | Florian                  | BACHES: Spica, gammaCas, HD223173, Theta1ori C, VII97ori                                                                                                                                    |
| 12.02.2022 | 17:00 | 04:00 | Florian                  | Taken dark frames for yesterday's observation night, some test spectra with the DADOS calibration unit (theta-1 ori C and sirius) » unfortunately, many opaque cirrus clouds all night long |
| 11.02.2022 | 17:00 | 05:00 | Florian, Moritz & MA9    | MA9: N1 of OST17 to 20 and N2 of NGC2281 and M67                                                                                                                                            |
| 02.02.2022 | 14:30 | 04:00 | Florian, Rainer & Fabian | Take transmission spectra of various filters. Afterwards: BACHES spectra of some O/B stars in Orion, Tests with the DADOS and calibration unit                                              |

## January

| Date       | Start | End   | Who?                  | What has been done?         |
|------------|-------|-------|-----------------------|-----------------------------|
| 24.01.2022 | 16:00 | 18:00 | Florian, Moritz & MA2 | N1 and N2 demo observations |

| Date       | Start | End   | Who?                       | What has been done?                                                                                                                                                                                                                                                               |
|------------|-------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20.01.2022 | 22:00 | 08:00 | Florian                    | Bad weather delayed the beginning of the observations. Light curve for exoplanet transit: HAT-P-3. This time only the clear glass filter was used for the observations.                                                                                                           |
| 17.01.2022 | 17:00 | 05:00 | MA5, MA7, Moritz & Florian | MA5: N2, MA7: N2, N1                                                                                                                                                                                                                                                              |
| 06.01.2022 | 18:30 | 08:00 | MA3, Moritz & Florian      | N2: NGC 6939, NGC 188; N1: had to be cancelled because the St-8's chip suffered from freezing » need to reactivate the desiccant; Afterwards: Time-resolved photometry on HAT-P-20 for predicted exoplanet transit » testing the sensitivity limits of the setup (QHY600 + CDK20) |
| 06.01.2022 | 16:00 | 16:30 | Florian & Coleman          | Taken flat frames for observation conducted on the 03.01.                                                                                                                                                                                                                         |
| 03.01.2022 | 18:00 | 01:15 | Rainer                     | Some test exposures of NGC2169, NGC1907, & M50 + Darks                                                                                                                                                                                                                            |

## 2021

### December

| Date       | Start | End   | Who?                                                 | What has been done?                                                                                                                                                                                                                                                                                                          |
|------------|-------|-------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.12.2021 | 17:30 | 18:30 | Moritz & Florian                                     | Flats for B, V, OIII, Halpha; Flatfield Lamp not suitable for Halpha flats                                                                                                                                                                                                                                                   |
| 16.12.2021 | 17:30 | 23:00 | Moritz & Florian                                     | Photometry on NGC 6834 & M 37 (both having high air masses during the time of observation), lucky imaging of Jupiter (SharpCap » 1500 frames per channel (R, V, B, I)), imaging of the NGC 7380 & NGC 7635 » ended early due to sudden cloud coverage; flat frames for the B, V, Halpha & O-III filter still need to be done |
| 02.12.2021 | 17:00 | 8:30  | Florian, Moritz and Ivan&Larissa and Andrew&Jule&Tim | N2 Observation of NGC6939 and NGC7789, N1 Observation of OST1-4, N1 Observation of OST5-8. Photos taken of the close "encounter" of C1/2021 Leonard with Messier 3, RGB image stack of JUpiter. Problem when connecting Maxim DL with the St-8 & St-i » Maxim DL crashes. Maybe a driver problem?                            |

### November

| Date       | Start | End   | Who?                             | What has been done?                    |
|------------|-------|-------|----------------------------------|----------------------------------------|
| 22.11.2021 | 17:00 | 23:00 | Florian, Moritz and Ivan&Larissa | N2 Observation of NGC 663 and NGC 7789 |
| 10.11.2021 | 06:00 | 00:00 | Rainer                           | Flats & Darks                          |
| 09.11.2021 | 22:00 | 06:00 | Rainer                           | Uranus, Jupiter, Moon, IC1795          |

### October

| Date       | Start | End   | Who?   | What has been done?                                                            |
|------------|-------|-------|--------|--------------------------------------------------------------------------------|
| 28.10.2021 | 19:00 | 17:00 | Rainer | NGC7318 until 2am - aborted because of bad weather, darks and flats afterwards |
| 26.10.2021 | 14:00 | 00:00 | Rainer | Flats, darks, student introduction, ...                                        |

| Date       | Start | End   | Who?                    | What has been done?                                                                                                                                        |
|------------|-------|-------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24.10.2021 | 19:00 | 02:00 | Rainer                  | New pointing model and some test exposures of NGC752, NGC884, NGC6939, & NGC6940                                                                           |
| 23.10.2021 | 20:00 | 23:00 | Rainer                  | Some test exposures: tracking good enough for ~10min exposure without auto guiding                                                                         |
| 22.10.2021 | 19:00 | 02:00 | Florian & Moritz        | Presentation of the CDK20 to students. Weather suddenly improved $\Rightarrow$ some pictures of M57, M31 and Jupiter                                       |
| 18.10.2021 | 09:30 | 10:30 | Rainer                  | Driver update finalized $\Rightarrow$ undervoltage warning of the QHY600M no longer occurs (so far)                                                        |
| 16.10.2021 | 21:00 | 22:00 | Rainer                  | Driver update: QHY $\rightarrow$ not entirely successful                                                                                                   |
| 15.10.2021 | 19:00 | 02:00 | Rainer & Florian        | Several alignments and polar alignments $\Rightarrow$ Polar align err. $0^{\circ} 0' 57''$ , PA $337^{\circ} 25'$ , Scope ortho. err. $-0^{\circ} 7' 11''$ |
| 14.10.2021 | 14:00 | 16:00 | Rainer                  | Further tests, GM4000 connected to the OMS                                                                                                                 |
| 13.10.2021 | 06:45 | 15:00 | Rainer, Florian & David | Assembly of the GM4000 HPS II, CDK20, and accessories; balancing; cable management, first tests and slews                                                  |
| 11.10.2021 | 10:00 | 16:00 | Rainer & Florian        | Disassembly C14, CGE-Pro, and accessories                                                                                                                  |

## September

| Date       | Start | End   | Who?   | What has been done?                                                                                                                                                                                                                                                                                                                                        |
|------------|-------|-------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.09.2021 | 14:00 | 14:30 | Rainer | Flats                                                                                                                                                                                                                                                                                                                                                      |
| 25.09.2021 | 21:15 | 23:00 | Rainer | Jupiter: B, V, R with the QHY600M $\rightarrow$ aborted because of bad weather, but some useful images taken                                                                                                                                                                                                                                               |
| 15.09.2021 | 20:15 | 23:45 | Rainer | Polar alignment test $\rightarrow$ seems to be very good, however still image shifts visible; Small movements towards W (velocity 2) lead to movements towards O. Velocity $>3$ is necessary for real movement towards W. $\rightarrow$ rebalancing necessary?; Test stopped because of bad weather                                                        |
| 08.09.2021 | 20:15 | 01:30 | Rainer | Tracking tested $\rightarrow$ good near the meridian - bad far away from the meridian $\Rightarrow$ new polar alignment necessary                                                                                                                                                                                                                          |
| 07.09.2021 | 20:15 | 02:30 | Rainer | Telescope synced; Alignment perfected. At least that's what I thought. Then I realized that this is not the case. Backlash must be the problem!?                                                                                                                                                                                                           |
| 03.09.2021 | 10:30 | 11:30 | Rainer | Further test with CWPI $\rightarrow$ alignment lost due to an error $\rightarrow$ alignment can be loaded during next observation $\Rightarrow$ just sync the telescope to one star - CWPI will guide you through the process; new driver and power supply for the QHY600M $\rightarrow$ works as anticipated now                                          |
| 02.09.2021 | 21:00 | 00:15 | Rainer | Test with CWPI as the connector between CGEPro and Maxim DL $\rightarrow$ works good but new alignment and slight rebalancing was necessary ( <b>precise balancing is crucial for a good performance of the CGEPro</b> ) $\Rightarrow$ pointing is good, tracking is ok, still some small image shifts - further optimizations of the balancing necessary! |

## August

| Date       | Start | End   | Who?   | What has been done? |
|------------|-------|-------|--------|---------------------|
| 31.08.2021 | 20:00 | 02:15 | Rainer |                     |

| Date       | Start | End   | Who?                 | What has been done?                                                                                                                                 |
|------------|-------|-------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.08.2021 | 21:00 | 02:00 | Rainer               | ST-i focused, C14 collimated, PEC trained; tracking performance depends on telescope position → balancing not optimal yet → new balancing necessary |
| 11.08.2021 | 09:00 | 11:00 | Rainer               | ST-i problem solved → faulty USB connection                                                                                                         |
| 10.08.2021 | 21:00 | 22:00 | Rainer               | Camera test: ST-i shutter didn't work properly                                                                                                      |
| 05.08.2021 | 10:00 | 17:00 | Rainer, Harry, & Max | Introduction to the new systems; QHY600M tests - mirror of the Of Axis Guider adjusted                                                              |
| 04.08.2021 | 22:30 | 02:00 | Rainer               | 2x new polar alignment + normal alignment → tracking is kind of ok now                                                                              |

## July

| Date       | Start | End   | Who?             | What has been done?                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|-------|-------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.07.2021 | 10:00 | 15:00 | Rainer           | QHY600M tests → works well now, calibrate CGEPro, TODO: backlash & PEC                                                                                                                                                                                                                                                                                                                                                           |
| 28.07.2021 | 21:00 | 01:00 | Rainer           | Telescope balanced; new alignment; observation aborted because of bad weather → no new polar alignment, no tracking test, the pointing is good though; new driver for the QHY600M → 4×4 binning possible, the current setup without the BAADER USB hub requires conservative USB traffic settings for the driver: reduced from 50 to 15; new park position for the telescope → review and validation necessary, Maxim DL updated |
| 23.07.2021 | 21:00 | 02:30 | Florian          | Taking flatframes during dusk; Imaging M27 & M57 » due to consequent calibration failing no off-axis guiding this time. Tracking is miserable without guiding, however the pointing is quite accurate. Lucky Imaging of Jupiter                                                                                                                                                                                                  |
| 21.07.2021 | 20:00 | 04:30 | Rainer & Florian | CGE-Pro Polar Alignment; Imaging V1405 Cas, performing tests on off-axis guiding                                                                                                                                                                                                                                                                                                                                                 |
| 20.07.2021 | 15:00 | 19:30 | Rainer & Florian | Mounting the C14 telescope tube on the CGE-Pro; balancing tests » proper adaption to attach counterweights on the telescope tube missing (for balancing the DEC axis)                                                                                                                                                                                                                                                            |

## June

| Date       | Start | End   | Who?                                 | What has been done?                                                                                                                                                                            |
|------------|-------|-------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.06.2021 | 07:00 | 10:00 | Florian, David, Moritz, Max & Rainer | Disassembling of the CDK20 and GM4000                                                                                                                                                          |
| 09.06.2021 | 22:00 | 03:00 | Florian, David & Ma26                | N1 BACHES:                                                                                                                                                                                     |
| 08.06.2021 | 22:00 | 03:00 | Florian                              | BACHES: V1405cas, taken spectra over a time span of a couple of hours → maybe able to identify some spectral dynamics over that period of time? Dome slaved successfully and OMS did not crash |
| 02.06.2021 | 22:00 | 10:00 | Moritz & Florian                     | Set up the C14 on the roof to perform tests with the QHY600 > not possible, because no adaption available; BACHES: core of M81 (almost not signal) & V1405 Cas (5x1200s spectra)               |

## May

| Date       | Start | End   | Who?                   | What has been done?                                                                                                                                                                                                                                                                                                                                     |
|------------|-------|-------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31.05.2021 | 22:00 | 07:00 | Moritz & Florian & Ma3 | N1: Baches spectra of Arkturus, Star313, Star285, Star54; observation began later due to problems with the camera control. After that there were no issues; weather conditions were almost perfect; darks were taken afterwards with closed dome; Slaving the dome to the telescope did not work, so we had to align the dome manually to the telescope |
| 20.05.2021 | 17:00 | 17:10 | Martin                 | just the dome and pointing to moon with viewfinder                                                                                                                                                                                                                                                                                                      |
| 10.05.2021 | 23:00 | 07:00 | Florian                | BACHES: V1405 Cas; medium cloud coverage; spectra exposed with 2000s exposure time; darks taken afterwards until dawn                                                                                                                                                                                                                                   |
| 07.05.2021 | 22:00 | 07:00 | Moritz & Florian & ma7 | N1: Star313, Star81, Star298, alpha lyncis + BACHES spectrum: alpha CVn; observation began past midnight, because of bad weather conditions at the beginning; darks taken during daytime                                                                                                                                                                |

## April

| Date       | Start | End   | Who?             | What has been done?                                                                                                                                                                                                                                                                                                                                                                  |
|------------|-------|-------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27.04.2021 | 20:30 | 12:00 | Florian          | BACHES: HIP 106186, HIP 107164, HIP 115198, HIP 95700, HIP 102589, HIP 106285, HIP 109556, HIP 17358, HIP 95818, HIP 103312, HIP 106843, HIP 112470, HIP 531, V1405 Cas; taken darks during daytime                                                                                                                                                                                  |
| 26.04.2021 | 21:30 | 06:00 | Florian          | BACHES: HIP 100044, HIP 102155, HIP 103732, HIP 105891, HIP 90096, HIP 99431, HIP 101138, HIP 103530, HIP 103871, HIP 89641, HIP 93805; continuation of yesterdays astro photography (M 13, NGC 6888)                                                                                                                                                                                |
| 25.04.2021 | 20:00 | 06:00 | Florian          | BACHES: HIP 2474, HIP 15520, HIP 100142, HIP 100518, HIP 100574, HIP 102827, HIP 103089, HIP 103371, HIP 104962, HIP 107136, HIP 108383; tested if guiding with the St-i is possible as the camera takes the star on the slit as reference point - semi-satisfying results; Set up CGE Pro + RC 8" for astro imaging, not demounted afterwards »> can be used for tomorrow night too |
| 22.04.2021 | 23:30 | 03:30 | Florian          | BACHES: beta Cep, OMS crashed & restarted once, overall weather conditions bad, got worse from 3am                                                                                                                                                                                                                                                                                   |
| 15.04.2021 | 16:00 | 02:30 | Florian & Rainer | Tests with the BACHES & the ST-8, Telescope switched to daylight savings time, BACHES: Nova Cas 2021                                                                                                                                                                                                                                                                                 |

## March

| Date       | Start | End   | Who?                                 | What has been done?                                    |
|------------|-------|-------|--------------------------------------|--------------------------------------------------------|
| 31.03.2021 | 17:00 | 08:00 | David, Moritz, Florian & Rainer      | Technical Update for David, DADOS: Nova Cas 2021       |
| 31.03.2021 | 14:00 | 18:00 | Rainer                               | Test OSST & Halpha images of the Sun with Skyris 445C  |
| 30.03.2021 | 21:00 | 07:00 | Rainer                               | QHY600M: NGC2174 (B, Halpha, OIII) & NGC7142 (B, V, R) |
| 01.03.2021 | 18:00 | 23:00 | Rainer, Moritz, Harry, Florian & Max | Test new camera, training, NGC 188                     |

## February

| Date       | Start | End   | Who?   | What has been done?                                                                                                                                                   |
|------------|-------|-------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27.02.2020 | 10:15 | 10:45 | Rainer | QHY600M: Sky-Flats                                                                                                                                                    |
| 26.02.2020 | 23:00 | 01:30 | Rainer | QHY600M: NGC2174                                                                                                                                                      |
| 25.02.2020 | 21:00 | 23:30 | Rainer | QHY600M: M42                                                                                                                                                          |
| 24.02.2020 | 16:00 | 08:00 | Rainer | QHY600M - A lot of test exposures to allow test for magnitude transformation, sky flats: U filter                                                                     |
| 23.02.2020 | 16:30 | 23:30 | Rainer | Many test to improve the interaction of the telescope with the dome. → further tests and software updates needed; QHY600M - flats (B, V, & R) and first test with STi |
| 22.02.2020 | 16:30 | 23:30 | Rainer | Further QHY600M tests: first good moon images, bad pointing precision of the telescope → the telescope looked sometimes on the dome                                   |
| 19.02.2020 | 18:30 | 20:30 | Rainer | First moon images: bad focus due to wrong adapter                                                                                                                     |
| 16.02.2020 | 17:00 | 18:30 | Rainer | QHY600M assembled and first light: first test images of buildings in the vicinity                                                                                     |

## January

| Date       | Start | End   | Who?  | What has been done? |
|------------|-------|-------|-------|---------------------|
| 12.01.2020 | 07:03 | 08:30 | Harry | Darks for N1        |

# 2020

## December

| Date       | Start | End   | Who?              | What has been done?                         |
|------------|-------|-------|-------------------|---------------------------------------------|
| 02.12.2020 | 17:00 | 22:30 | Max & Harry + Ma6 | N1, N2 (NGC7654) bad photometric conditions |

## November

| Date       | Start | End   | Who?                   | What has been done?                                                                       |
|------------|-------|-------|------------------------|-------------------------------------------------------------------------------------------|
| 25.11.2020 | 10:20 | 13:20 | Max & Rainer           | Further balancing tests                                                                   |
| 24.11.2020 | 17:00 | 21:45 | Max & Harry + Ma4      | Jupiter, Saturn but then too cloudy, small slit didn't work                               |
| 23.11.2020 | 17:00 | 18:45 | Max & Harry + Ma1      | Moon, Mars, Jupiter, Saturn but then too cloudy, Schiffshorn                              |
| 20.11.2020 | 17:00 | 23:00 | Max & Harry + Ma7      | N2 (NGC7789, NGC188), partly N1 then clouds                                               |
| 19.11.2020 | 22:00 | 00:45 | Rainer                 | Further slewing & tracking tests                                                          |
| 19.11.2020 | 09:00 | 15:00 | Rainer                 | Tests, debugging, balancing tests, firmware update for the mount, update of Maxim DL, ... |
| 18.11.2020 | 19:00 | 2:30  | Max & Harry + Ma3      | N2 (NGC1907, NGC6939)                                                                     |
| 07.11.2020 | 17:00 | 02:30 | Max & Moritz & Florian | N1, N2 (NGC6819, NGC6939), Dome had to be restarted                                       |
| 04.11.2020 | 17:00 | 00:00 | Max & Harry + Ma2      | N1, The slit lamp was not properly working                                                |

## October

| Date       | Start | End   | Who?              | What has been done?                                                                                            |
|------------|-------|-------|-------------------|----------------------------------------------------------------------------------------------------------------|
| 27.10.2020 | 17:00 | 18:45 | Lida, Harry & Max | Training                                                                                                       |
| 24.10.2020 | 19:30 | 06:00 | Rainer            | B & V photometry: NGC7790 for magnitude transformation                                                         |
| 22.10.2020 | 19:00 | 21:00 | Rainer            | B & V photometry: NGC7790 for magnitude transformation, aborted because of bad weather                         |
| 21.10.2020 | 21:00 | 06:15 | Rainer            | B & V photometry: NGC7790 for magnitude transformation ← dome was properly not well aligned with the telescope |
| 10.10.2020 | 23:00 | 06:30 | Rainer            | B & V photometry: NGC1708                                                                                      |
| 02.10.2020 | 20:00 | 22:45 | Rainer            | Additional test with pinpoint astronomy                                                                        |

## September

| Date       | Start | End   | Who?                      | What has been done?                                                                                                                                  |
|------------|-------|-------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30.09.2020 | 22:00 | 01:20 | Rainer                    | Further meridian/pier flip tests: flip precision improved with pinpoint astronomy (works now in most cases) - still room for further improvements    |
| 30.09.2020 | 01:00 | 03:00 | Rainer                    | Additional meridian/pier flip tests                                                                                                                  |
| 24.09.2020 | 17:00 | 01:20 | Rainer                    | Meridian/pier flip tests → basically works now (slewing tolerance set to 0° & guiding tolerance set to 1°), but refinement does not                  |
| 23.09.2020 | 22:00 | 05:40 | Rainer                    | Meridian/pier flip tests → not entirely successful                                                                                                   |
| 22.09.2020 | 20:00 | 05:40 | Florian, Moritz, & Rainer | ASI 2600MC-PRO: Moon, M57, & M33                                                                                                                     |
| 21.09.2020 | 20:30 | 05:20 | Rainer                    | V & B photometry of NGC381 & NGC6704, focus of the all-sky monitor adjusted                                                                          |
| 20.09.2020 | 20:30 | 05:40 | Rainer                    | B band photometry of J296.1785+54.8285                                                                                                               |
| 19.09.2020 | 20:30 | 05:40 | Rainer                    | V & B band photometry of NGC7086 & NGC7261                                                                                                           |
| 18.09.2020 | 20:30 | 05:20 | Rainer                    | PEC training, V band photometry of J296.1785+54.8285                                                                                                 |
| 17.09.2020 | 20:30 | 05:20 | Max & Rainer              | Pointing model, V band photometry of J296.1785+54.8285                                                                                               |
| 16.09.2020 | 20:30 | 05:15 | Florian, Moritz, & Rainer | Tests with the ASI 2600MC-PRO: Bubble nebula - NGC 7635, Saturn, Jupiter; STF8300: TIC467187065/J296.1785+54.8285, but unfortunately without binning |
| 15.09.2020 | 20:30 | 00:00 | Max, Moritz, & Rainer     | Tests: BACHES with the new Skyris 445C and test observation of M15                                                                                   |
| 14.09.2020 | 20:30 | 06:00 | Rainer & Florian          | Tests: auto focusing, V & B band photometry of NGC7654, V band photometry of HS0705+6700 (HW Vir system)                                             |

## August

| Date       | Start | End   | Who?         | What has been done?                          |
|------------|-------|-------|--------------|----------------------------------------------|
| 31.08.2020 | 22:30 | 03:30 | Max & Anna   | Moon, Demonstrating N1 (Deneb, GammaCas)     |
| 23.08.2020 | 22:30 | 23:30 | Max          | Test Baches +ST8 +STi, sky became too cloudy |
| 19.08.2020 | 23:00 | 01:45 | Max & Rainer | MaximDL licence renewed → tests              |
| 18.08.2020 | 17:00 | 17:30 | Rainer & Tim | brief introduction to the new telescope      |

| Date       | Start | End   | Who?                | What has been done?                                                                                |
|------------|-------|-------|---------------------|----------------------------------------------------------------------------------------------------|
| 18.08.2020 | 13:00 | 13:30 | Rainer              | SFT8300: NGC7789 → N2 test                                                                         |
| 12.08.2020 | 22:30 | 01:15 | Max & guest         | Jupiter, Saturn, M13, Weder St-8 noch STF 8300 konnten verbunden werden                            |
| 06.08.2020 | 22:30 | 01:00 | Max, Harry & guests | Public Outreach → Neowise, Mond, Jupiter, Saturn mit Okular                                        |
| 05.08.2020 | 22:30 | 02:45 | Rainer, Max & Harry | Alignment of the telescope using equal azimuth spacing and 87 points                               |
| 04.08.2020 | 13:00 | 13:30 | Rainer              | Hand terminal of the GW4000 QCI replaced → all buttons work                                        |
| 03.08.2020 | 23:00 | 01:15 | Rainer              | BACHES: Tests, replaced batteries in the slit illumination unit, observations: Vega, Albireo, Moon |

## Juli/July

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                                                      | Was wurde gemacht?/What has been done?                                                                                                                                                      |
|------------|--------------|----------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.07.2020 | 22:30        | 01:45    | Max & Rainer                                                   | Further test with the Canon 700D in combination with the zoom eyepiece (Saturn, Jupiter, Moon, ...), new pointing model with 35 points → further test necessary                             |
| 28.07.2020 | 22:30        | 01:15    | Max & Guests                                                   | Public Outreach → Neowise, Mond, Jupiter, Saturn mit Okular                                                                                                                                 |
| 21.07.2020 | 22:30        | 23:30    | Max                                                            | Aufnahme Kometenbilder                                                                                                                                                                      |
| 21.07.2020 | 22:30        | 02:00    | Max & Harry & Guests                                           | Public Outreach → Beobachtung Neowise C/2020 F3, Jupiter & Saturn mit Okular, Test Spektrograph, Komet zu leuchtschwach um Schlitz zu sehen                                                 |
| 20.07.2020 | 22:30        | 02:00    | Max                                                            | first observation with the Canon (Saturn & Jupiter, Neowise C/2020 F3, M71, NGC 7789, various nebulae) → STF 8300m and Canon can use the same extension tube                                |
| 19.07.2020 | 23:00        | 00:30    | Rainer & guest                                                 | first observation with the oculars (Deneb, Saturn, & Jupiter) → the 100mm extension tube works with all oculars (I put this extension tube to the oculars in the movable storage container) |
| 16.07.2020 | 22:00        | 03:00    | Max, Harry, & Rainer                                           | test of the new components; first rough pointing model; first images of NGC7789, M13, M101, & Saturn                                                                                        |
| 16.07.2020 | 11:00        | 14:30    | Max, Harry, & Rainer                                           | putting all stuff back in the dome                                                                                                                                                          |
| 16.07.2020 | 07:15        | 11:00    | Baader Planetarium crew, Max, Harry, & Rainer                  | introduction to all new functions of the observatory                                                                                                                                        |
| 15.07.2020 | 23:00        | 02:00    | Baader Planetarium crew with support from Max, Harry, & Rainer | first light → image with the STF8300M → telescope focused and pointing model prepared                                                                                                       |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                                               | <b>Was wurde gemacht?/What has been done?</b>                                 |
|-------------------|---------------------|-----------------|----------------------------------------------------------------|-------------------------------------------------------------------------------|
| 15.07.2020        | 08:30               | 19:00           | Baader Planetarium crew with support from Max, Harry, & Rainer | completion of the dome upgrade                                                |
| 14.07.2020        | 11:30               | 19:00           | Baader Planetarium crew with support from Max, Harry, & Rainer | first day of the dome upgrade and installation of the new telescope (CDK20)   |
| 13.07.2020        | 13:00               | 14:30           | Max, Harry, & Rainer                                           | preparations for the dome and telescope upgrade                               |
| 11.07.2020        | 22:00               | 01:30           | Max & Rainer                                                   | last light with the C14 (OST) → 700D: Jupiter, Saturn, M13, C/2020 F3 NEOWISE |

## Juni/June

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 01.06.2020        | 22:00               | 23:30           | Rainer & guest   | moon observation with oculars                 |

## Mai/May

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 07.05.2020        | 21:30               | 23:00           | Max+Harry        | Test                                          |

## April/April

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| -                 | -                   | -               | -                | Corona                                        |

## März/March

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| -                 | -                   | -               | -                | Corona                                        |

## Februar/February

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 25.02.2020        | 18:00               | 0:15            | Max+Ba2          | C1, C6                                        |

## Januar/January

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 16.01.2020        | 18:00               | 23:45           | Max+Harry+Ma1    | N1                                            |

## 2019

### Dezember/December

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>     |
|-------------------|---------------------|-----------------|------------------|---------------------------------------------------|
| 18.12.2019        | 18:00               | 23:45           | Max+Harry+Ma4    | N1                                                |
| 4.12.2019         | 19:00               | 1:30            | Max+Harry+Ma2    | N2 (NGC 6939, M38), dunkler Staubfleck in Bildern |

### November/November

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 23.11.2019        | 22:00               | 3:45            | Max+Harry+Ma2    | N1                                            |
| 22.11.2019        | 18:00               | 19:45           | Max+Ba1          | O1, O2                                        |
| 14.11.2019        | 18:00               | 23:45           | Max+Harry+Ma4    | N1                                            |

### Oktober/October

|            |       |       |               |                                                                                                                                             |
|------------|-------|-------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 30.10.2019 | 18:15 | 00:45 | Max+Harry+Ba3 | O1, O4, C1 (IC5142), Bibliothek war dunkel ab 22:30                                                                                         |
| 29.10.2019 | 18:00 | 01:30 | Max+Harry+Ma4 | N2; STF8300 hat noch immer Wackelkontakt, Orionnebel und Saturn mit Canon, in der Bibliothek brannte das Licht bis zum Ende der Beobachtung |
| 24.10.2019 | 20:45 | 03:20 | Max+Ba2       | O1, O2, C6, STF8300 hat Wackelkontakt                                                                                                       |

### September/September

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>           | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|----------------------------|-----------------------------------------------|
| 06.09.2019        | 21:45               | 03:00           | Matti+Group2 Evolved stars | several hot subdwarf candidates with DADOS    |
| 05.09.2019        | 21:45               | 05:45           | Matti+Group1 Evolved stars | several hot subdwarf candidates with DADOS    |
| 03.09.2019        | 21:45               | 04:30           | Matti+Group2 Evolved stars | several hot subdwarf candidates with DADOS    |
| 02.09.2019        | 21:30               | 05:30           | Matti+Group1 Evolved stars | several hot subdwarf candidates with DADOS    |

### August/August

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 08.08.2019        | 22:00               | 02:35           | Martin+Harry+Ma5 | N1, Saturn, Jupiter, Moon, M22                |

## Juli/July

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?     | Was wurde gemacht?/What has been done?                                                |
|------------|--------------|----------|---------------|---------------------------------------------------------------------------------------|
| 31.08.2019 | 22:00        | 03:10    | Matti         | DADOS test                                                                            |
| 25.07.2019 | 22:00        | 02:15    | Max+Harry+Ma4 | N1                                                                                    |
| 23.07.2019 | 22:00        | 03:00    | Max+Harry+Ma3 | N1                                                                                    |
| 10.07.2019 | 18:00        | 18:40    | Max           | Flatfields, eine der Schrauben zum Fixieren lässt sich nicht mehr richtig fest ziehen |
| 03.07.2019 | 1:15         | 02:15    | Max           | Saturn                                                                                |
| 01.07.2019 | 1:00         | 01:45    | Max           | gescheiterte Saturnaufnahme da zu wolkig                                              |

## Juni/June

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?      | Was wurde gemacht?/What has been done?                                    |
|------------|--------------|----------|----------------|---------------------------------------------------------------------------|
| 28.06.2019 | 22:00        | 03:00    | Max+Harry+Ma2  | N1 + Saturn&Jupiter                                                       |
| 26.06.2019 | 22:00        | 04:30    | Max+Harry+MA1  | N1 zu Beginn hat Schutter Probleme gemacht, hat sich aber wieder gefangen |
| 14.06.2019 | 16:00        | 16:30    | Rainer + Gäste | Führungen im Rahmen des Hochschulinformationstages 2019                   |
| 07.06.2019 | 21:00        | 01:30    | Max+Harry      | Baches practice/P Cyg                                                     |

## Mai/May

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?    | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|--------------|----------------------------------------|
| 29.05.2019 | 22:00        | 02:30    | Max&Harry+M5 | N2 (NGC6819)                           |

## April/April

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?   | Was wurde gemacht?/What has been done?      |
|------------|--------------|----------|-------------|---------------------------------------------|
| 18.04.2019 | 03:45        | 04:30    | Martin+Nele | Mond, Saturn, Jupiter                       |
| 16.04.2019 | 17:30        | 17:45    | Martin      | telescope introduced to astro master course |
| 02.04.2019 | 22:30        | 23:00    | Martin      | dome aligned to telescope                   |

## März/March

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who? | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|-----------|----------------------------------------|
| -          | -            | -        | -         | Leider nichts 😞                        |

## Februar/February

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?      | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|----------------|----------------------------------------|
| 27.02.2019 | 19:00        | 23:00    | Veronika + Ma2 | N2: NGC2099                            |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                                                  |
|-------------------|---------------------|-----------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.02.2019        | 18:00               | 21:30           | Veronika + Ma4   | N1: #270,#221                                                                                                                                  |
| 22.02.2019        | 18:00               | 22:30           | Veronika + Ma4   | N1: #14                                                                                                                                        |
| 18.02.2019        | 18:00               | 23:30           | Veronika + Ma3   | N1: #5,#67,#306,#152                                                                                                                           |
| 15.02.2019        | 18:30               | 1:40            | Max + Ba2        | O3, C6, C7                                                                                                                                     |
| 15.02.2019        | 08:00               | 08:25           | Rainer           | Funktionscheck bei -3° nach Problemen mit der Kuppel in der Nacht. Kuppel ein bisschen schwergängig aber alles im Rahmen und funktionstüchtig. |
| 14.02.2019        | 18:30               | 0:30            | Veronika + Ma1   | N1: #19,#149,#252,#272                                                                                                                         |

## Januar/January

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                     |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------------------|
| 31.01.2019        | 09:00               | 09:45           | Max + Rainer     | Führungen einer Schülergruppe (Abiturienten)                      |
| 28.01.2019        | 10:40               | 12:15           | Rainer           | Führung und Sonnenbeobachtung (C8 + DSLR) mit Schülerpraktikanten |
| 23.01.2019        | 17:30               | 18:15           | Rainer + Max     | Einführung                                                        |
| 22.01.2019        | 17:00               | 23:00           | David + Ma2      | N1: #9,#202,#303                                                  |
| 14.01.2019        | 17:00               | 09:00           | Rainer           | Test der neuen V- und B-Filter für die STF8300                    |

## 2018

### Dezember/December

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 18.12.2018        | 09:30               | 10:00           | Rainer           | Führung einer Schülergruppe (Abiturienten)    |
| 04.12.2018        | 17:30               | 00:40           | David & Ba2      | O1, O2, C1 (M42)                              |

### November/November

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 16.11.2018        | 13:30               | 16:30           | David & Rainer   | SolarMax + DSLR                               |
| 06.11.2018        | 18:30               | 00:00           | David & Ma1      | N2: NGC 7789 & NGC 7654                       |
| 06.11.2018        | 12:40               | 14:00           | David & Ba2      | C11 + DSLR: C2                                |

### Oktober/October

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                           |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16.10.2018        | 19:30               | 23:00           | David & Kerima   | C14 + Okular & DSLR                                                                                                                                                                     |
| 03.10.2018        | 09:00               | 15:00           | David & Rainer   | Führungen für verschiedene Schülergruppen (Grundschule und Abiturienten) sowie einige Studenten inklusive Beobachtungen der Sonne mit dem C8 sowie von Objekten am Horizont mit dem OST |

## August/August

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?   | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|-------------|----------------------------------------|
| 16.08.2018 | 14:00        | 15:30    | David + Ma5 | N2: IC1369                             |
| 06.08.2018 | 14:00        | 15:30    | David + Ba1 | C11: C2                                |

## Juli/July

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?     | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|---------------|----------------------------------------|
| 27.07.2018 | 22:30        | 00:30    | David + Gäste | C8 + DSLR: Mondfinsternis 2018         |
| 04.07.2018 | 22:30        | 00:30    | David         | Celestron Advanced GT + DSLR           |
| 03.07.2018 | 22:30        | 01:30    | Ba1 & Rainer  | C6                                     |

## Juni/June

|            |       |       |             |                           |
|------------|-------|-------|-------------|---------------------------|
| 29.06.2018 | 22:00 | 02:30 | David & Ma3 | N1 - Baches (Mond), Dados |
| 22.06.2018 | 10:00 | 11:30 | Rainer      | Baches, Test der RCU      |

## Mai/May

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?             | Was wurde gemacht?/What has been done?                        |
|------------|--------------|----------|-----------------------|---------------------------------------------------------------|
| 29.05.2018 | 22:00        | 22:45    | Veronika & Ba1        | C3                                                            |
| 24.05.2018 | 22:00        | 03:30    | David, Veronica & Ma4 | N1                                                            |
| 15.05.2018 | 22:00        | 04:30    | David, Veronica & Ma3 | N2: NGC6939, M52                                              |
| 11.05.2018 | 22:00        | 01:00    | David & Gaeste        | C14 + C11: Fuehrung fuer Geophysiker                          |
| 08.05.2018 | 21:00        | 02:00    | Ba1 & Rainer          | O1, O2, C1 (M101) & C4                                        |
| 07.05.2018 | 21:00        | 04:00    | David & Ma5           | N1 - Vega, alp Cam, Caph, HIP56211, Alkaid, HIP69673, Jupiter |
| 05.05.2018 | 12:00        | 20:00    | David & Rainer        | C14+C11+C8 - Potsdamer Tag der Wissenschaften                 |

## April/April

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?    | Was wurde gemacht?/What has been done?           |
|------------|--------------|----------|--------------|--------------------------------------------------|
| 27.04.2018 | 21:00        | 23:15    | Ba1 & Rainer | O1 - Abbruch Aufgrund von aufziehender Bewölkung |
| 20.04.2018 | 22:00        | 00:00    | David & Ma6  | N1                                               |
| 19.04.2018 | 21:00        | 02:00    | David & Ma6  | N1                                               |
| 18.04.2018 | 21:00        | 03:00    | David & Ma1  | N2: NGC884, NGC6939                              |

## März/March

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who? | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|-----------|----------------------------------------|
|------------|--------------|----------|-----------|----------------------------------------|

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>             |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------------------|
| 01.03.2018        | 19:00               | 21:00           | David            | STF-8300: M3                                              |
| 18.03.2018        | 19:00               | 00:00           | Ma2 & Rainer     | N2: NGC7789 & NGC1664                                     |
| 01.03.2018        | 19:00               | 21:00           | David            | DSLR + C14: Mond, Orion uvm.                              |
| 01.03.2018        | 15:00               | 16:00           | David & Rainer   | Wartung des Ra Motors zur Behebung des Nebelhorngeräuschs |

## Februar/February

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>         | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                                        |
|-------------------|---------------------|-----------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28.02.2018        | 11:00               | 15:00           | David & Rainer & Schüler | C11+Baches: Sonnenspektrum                                                                                                                                                                           |
| 26.02.2018        | 18:00               | 01:00           | David & Rainer           | Baches: Ksi Per                                                                                                                                                                                      |
| 23.02.2018        | 15:00               | 16:00           | Rainer & David           | Rektaszensionsmotor enkoppelt, Untersuchung mit Endoskop                                                                                                                                             |
| 20.02.2018        | 18:00               | 01:00           | David                    | STF-8300: Mond, Uranus                                                                                                                                                                               |
| 14.02.2018        | 18:00               | 22:00           | Helge & Gäste            | Beobachtungen mit dem Okular                                                                                                                                                                         |
| 13.02.2018        | 18:00               | 01:00           | David                    | STF-8300 on M36                                                                                                                                                                                      |
| 08.02.2018        | 18:00               | 23:00           | Ma7 & Rainer             | N2: NGC6939 & NGC869                                                                                                                                                                                 |
| 07.02.2018        | 18:00               | 23:00           | Ma1 & David              | N1                                                                                                                                                                                                   |
| 01.02.2018        | 17:30               | 23:30           | Ma7 & Rainer             | N1: HD 34078 (O9.5V), HIP 25336 - gam Ori (B2V), HIP 105199 - alf Cep (A8Vn), HIP 25985 - alf Lep (F0Ib), HIP 47908 - eps Leo (G1IIIa), HIP 46390 - alf Hya (K3IIIa), HIP 25945 - 119 Tau (M2Iab-Ib) |

## Januar/January

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 08.01.2018        | 18:00               | 02:00           | Ma6 & David      | N2: NGC 188 & NGC 7789                        |

# 2017

## Dezember/December

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                              |
|-------------------|---------------------|-----------------|------------------|--------------------------------------------------------------------------------------------|
| 18.12.2017        | 17:00               | 21:30           | Ma2 & David      | N1: HD 159181, HD 3712, HIP 22783 (O9I), HIP 4427 (B0.5IV), HIP 6686 (A5IV), Polaris (F8I) |

## November

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 23.11.2017        | 18:00               | 21:00           | Ma2 & Rainer     | O1, N1 (BACHES): Betelgeuse (M1-M2Ia-Iab)     |
| 22.11.2017        | 17:30               | 02:15           | Ma3 & David      | N2 (STF-8300): NGC 7789, NGC 6939             |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                        |
|-------------------|---------------------|-----------------|------------------|----------------------------------------------------------------------|
| 06.11.2017        | 17:30               | 21:00           | Ma3 & David      | N1 (BACHES): HIP111169 (A1V), HIP2920 (B2IV), moon (G2V)             |
| 03.11.2017        | 19:00               | 00:00           | Ma3 & Rainer     | O1, N1 (BACHES): HIP22783 (O9Ia), Teleskop auf Winterzeit umgestellt |

## Oktober/October

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                  | <b>Was wurde gemacht?/What has been done?</b>               |
|-------------------|---------------------|-----------------|-----------------------------------|-------------------------------------------------------------|
| 17.10.2017        | 11:30               | 13:00           | David, Rainer, Lida & Wolf-Rainer | Kuppelführung plus Sonnen- und Mondbeobachtung mit Schülern |

## September

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> |                            |
|-------------------|---------------------|-----------------|------------------|----------------------------|
| 02.09.2017        | 22:00               | 00:00           | Rainer & Gast    | Beobachtung mit dem Okular |

## August/August

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>            | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|-----------------------------|-----------------------------------------------|
| 30.05.2017        | 20:00               | 14:00           | Rainer                      | Darks für die Beobachtung am Tag zuvor        |
| 29.05.2017        | 20:00               | 14:00           | Rainer                      | BD+53 2790 (DADOS)                            |
| 22.08.2017        | 21:00               | 04:00           | David                       | STF-8300 (RGB) NGC 869+844                    |
| 16.08.2017        | 13:45               | 14:00           | Rainer & Christoph + Eltern | kurze Teleskopvorführung                      |

## Juli/July

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>      | <b>Was wurde gemacht?/What has been done?</b>                                                |
|-------------------|---------------------|-----------------|-----------------------|----------------------------------------------------------------------------------------------|
| 28.07.2017        | 17:00               | 20:00           | David                 | C8, Testlauf Sonnenfinder                                                                    |
| 20.07.2017        | 23:00               | 12:30           | Ma1 & David           | N1 (BACHES): Polari (F)s, Deneb (A), HD100029 (M)                                            |
| 18.07.2017        | 21:00               | 23:00           | David                 | STF-8300: Probeaufnahmen IC 342 (SAC), Abbruch wegen Wolkenbildung                           |
| 17.07.2017        | 21:00               | 03:00           | David                 | STF-8300: Probeaufnahmen NGC 7469 (SBa) fuer ungeeignet befunden & DeepSky M32 (b,r,g)       |
| 13.07.2017        | 01:00               | 03:30           | Ma1 & Rainer          | N1 (BACHES): HD 148387 (G8 IIIab), HD 131873 (K4 III), HD 30614 (O9 Ia), HD 5394 (B0.5 IVpe) |
| 10.07.2017        | 15:00               | 15:15           | Rainer, David + Gäste | Besuch des Ministerpräsidenten 2017                                                          |

## Juni/June

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>         |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------|
| 16.06.2017        | 15:00               | 16:30           | Rainer + Gäste   | Führung im Rahmen des Hochschulinformationstages 2017 |
| 15.06.2017        | 10:30               | 12:00           | David + Gast     | Führung Kuppel + Teleskop                             |

### Mai/May

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 27.05.2017        | 01:00               | 13:00           | Rainer           | P Cyg (BACHES) & BD+53 2790 (DADOS)           |
| 17.05.2017        | 22:00               | 03:00           | Ma1 & Rainer     | N2: NGC6939 & NGC6866                         |
| 13.05.2017        | 11:00               | 18:30           | David & Rainer   | Potsdamer Tag der Wissenschaften              |
| 11.05.2017        | 22:00               | 23:45           | Rainer           | STF8300 pointed at M86                        |

### April

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>      | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                                                                                                                                                                                    |
|-------------------|---------------------|-----------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.04.2017        | 21:00               | 23:00           | David, Rainer & Gäste | Beobachtungen mit dem Okular                                                                                                                                                                                                                                                                                                                     |
| 10.04.2017        | 17:30               | 13:00           | David & Rainer        | Firmwareupdate auf Version 2.14.11 + Update der Objekt- und Uhrzeitdatenbanken                                                                                                                                                                                                                                                                   |
| 09.04.2017        | 20:30               | 00:30           | Rainer                | A-PEC-Kalibration & Testaufnahmen von 41P                                                                                                                                                                                                                                                                                                        |
| 05.04.2017        | 20:00               | 00:00           | David & Rainer        | Deklinationsachse entkoppelt um Auswuchtung zu testen (nach verdächtigem Verhalten dieser bei spektroskopischen Beobachtungen), neues Alignment (11 Sterne: Alkaid, Alphard, Polaris, Alderamin, Arkturus, Castor, Kochab, $\pi$ -Her, Alphard, Denebola, Cor Caroli) erstellt, A-PEC erstmal wieder ausgeschaltet → neues Training erforderlich |

### März/March

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                                 |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 27.03.2017        | 20:00               | 03:15           | Ba1 & Rainer     | C1 (M51), C6, Teleskop auf Sommerzeit umgestellt                                                                              |
| 17.03.2017        | 19:30               | 01:00           | Ma1 & Rainer     | N2: NGC188 & NGC2281                                                                                                          |
| 17.03.2017        | 18:30               | 23:30           | Ba1 & Rainer     | O1, O2 & O4 (teilweise mit dem C11)                                                                                           |
| 15.03.2017        | 19:00               | 03:00           | Ma3 & Rainer     | N1: Betelgeuse (M11), Regulus (B8IV), Pollux (K0III), Moon (G2V), alf Cam (O9I), Anilax (?), Alioth (A1III-IV), Polaris (F8I) |

### Februar/February

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>       | <b>Was wurde gemacht?/What has been done?</b>                                                                 |
|-------------------|---------------------|-----------------|------------------------|---------------------------------------------------------------------------------------------------------------|
| 13.02.2017        | 18:00               | 23:30           | Ma2 & Rainer           | N1: Betelgeuse(M1I), gam Cas(B0IV), bet Cas(F2III), mu Per(G0I), Aldebaran(K5III), HD47129(O8I), del Cas(A5V) |
| 10.02.2017        | 18:00               | 19:30           | Ma3 & Rainer           | N1: Betelgeuse, danach Abbruch da ThAr-Lampe defekt                                                           |
| 08.02.2017        | 13:30               | 14:00           | Rainer & Schülergruppe | Teleskopvorführung                                                                                            |

## Januar/January

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>         | <b>Was wurde gemacht?/What has been done?</b>                                               |
|-------------------|---------------------|-----------------|--------------------------|---------------------------------------------------------------------------------------------|
| 27.01.2017        | 18:00               | 01:00           | Ma3 & Rainer             | O1, N2: NGC7789 & NGC2420                                                                   |
| 26.01.2017        | 18:00               | 02:30           | Ma2 & Rainer             | O1, N2: M52 & M36                                                                           |
| 20.01.2017        | 13:00               | 13:30           | Rainer & Gäste von Tomer | Teleskopvorführung                                                                          |
| 10.01.2017        | 18:00               | 21:30           | Ma1 & Rainer             | N1: Menkib (O7.5III), Alpha Cassiopeiae/Schedar (K0III), gam Per/23Per (G8III), Deneb (A2I) |
| 06.01.2017        | 18:00               | 23:00           | Rainer                   | Testaufnahmen mit der STF-8300                                                              |
| 05.01.2017        | 18:00               | 22:20           | Ma1 & Rainer             | O1, N1: Capella (G1III+K0III), Alpheratz (B8IV-V), Caph (F2III)                             |

## 2016

### Dezember/December

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                                           |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 21.12.2016        | 18:00               | 22:00           | Rainer           | A-PEC-Training II, Backlash auf 0 zurückgesetzt, Dual tracking wieder eingeschaltet ⇒ Tracking scheint brauchbar für 10min-Belichtungen |
| 16.12.2016        | 18:00               | 21:00           | Rainer           | A-PEC trainiert und aktiviert                                                                                                           |
| 05.12.2016        | 21:00               | 23:30           | David            | M42 – STF8300 (verschiedene Filter)                                                                                                     |

### November

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>              |
|-------------------|---------------------|-----------------|------------------|------------------------------------------------------------|
| 29.11.2016        | 18:30               | 19:50           | David            | Beobachtung mit dem Okular                                 |
| 11.11.2016        | 21:40               | 21:55           | Rainer           | Funktionstest bei -2°C, Teleskop auf Winterzeit umgestellt |

### September

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 28.09.2016        | 20:00               | 21:00           | Helge & Gäste    | Beobachtung mit dem Okular                    |
| 24.09.2016        | 23:00               | 03:00           | Rainer & Gast    | Beobachtung mit dem Okular                    |

## Juli/July

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>    | <b>Was wurde gemacht?/What has been done?</b>        |
|-------------------|---------------------|-----------------|---------------------|------------------------------------------------------|
| 24.07.2016        | 12:00               | 16:00           | Rainer, David, Marc | Kuppel säubern (außen und innen) und wachsen (außen) |
| 15.07.2016        | 22:30               | 04:00           | Rainer              | Gamma Cas – STF8300 (Filter: OIII & SII)             |
| 08.07.2016        | 23:00               | 02:30           | Rainer & Gast       | Beobachtung mit dem Okular                           |

## Juni/June

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 29.06.2016        | 23:00               | 4:00            | Ba1 & Rainer     | C7                                            |
| 22.06.2016        | 23:00               | 1:00            | Ba1 & Marc       | O3                                            |

## Mai/May

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>        | <b>Was wurde gemacht?/What has been done?</b>                        |
|-------------------|---------------------|-----------------|-------------------------|----------------------------------------------------------------------|
| 10.05.2016        | 22:15               | 03:10           | Ma1 & Marc              | N2: NGC6939, NGC654                                                  |
| 09.05.2016        | 12:00               | 22:00           | David, Rainer und Gäste | Merkurtransit: C8 mit Okular und C11 mit der DSLR                    |
| 08.05.2016        | 17:00               | 00:00           | Rainer                  | Aufbau und Alignment des C8 und C11 für den Merkurtransit am 09. Mai |
| 02.05.2016        | 22:00               | 04:00           | Ba1 & Rainer            | C1 (M51) & C4                                                        |

## April

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                                                                               |
|-------------------|---------------------|-----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21.04.2016        | 22:00               | 04:00           | Ma1 & Rainer     | O1 & N1 (BACHES): alf Cam (O9Ia, HIP 67301), eta UMa (B3V, HIP 54061), alf Lyr (A0V, Vega), alf UMa (G9III+A7.5, HIP 54061), eta Her (G7III, HIP 81833), Mond (G2V), eps Cyg (K0III-IV, HIP 102488), alf Her (M5Ib-II+G5III+F2V, HIP 84345) |
| 20.04.2016        | 21:00               | 05:00           | Rainer           | DADOS + STF-8300: BD+53 2790                                                                                                                                                                                                                |
| 19.04.2016        | 20:45               | 00:10           | Ba1 & Rainer     | O1 & O3 (Abbruch aufgrund zu starker Bewölkung)                                                                                                                                                                                             |
| 18.04.2016        | 00:30               | 04:45           | Rainer           | DADOS + STF-8300: BD+53 2790                                                                                                                                                                                                                |
| 14.04.2016        | 00:00               | 03:30           | Rainer           | DADOS + STF-8300: BD+53 2790                                                                                                                                                                                                                |
| 09.04.2016        | 00:30               | 05:30           | Rainer           | DADOS + STF-8300: BD+53 2790                                                                                                                                                                                                                |
| 07.04.2016        | 20:00               | 05:00           | Rainer           | DADOS + STF-8300: HD 54879 & BD+53 2790                                                                                                                                                                                                     |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                    |
|-------------------|---------------------|-----------------|------------------|----------------------------------------------------------------------------------|
| 06.04.2016        | 20:30               | 00:30           | Rainer           | DADOS + STF-8300: HD 54879 & BD+53 2790                                          |
| 05.04.2016        | 14:00               | 19:30           | David & Rainer   | GM4000 QCI: Firmwareupdate auf Version 2.12.26, Elektronikbox der CGE Pro gefixt |
| 04.04.2016        | 23:00               | 04:00           | Rainer           | DADOS + STF-8300: BD+53 2790                                                     |
| 02.04.2016        | 20:30               | 22:00           | Rainer           | DADOS + STF-8300: HD 54879                                                       |
| 01.04.2016        | 20:00               | 23:30           | Rainer           | DADOS + STF-8300: HD 54879                                                       |

## März/March

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>     | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                                                                                      |
|-------------------|---------------------|-----------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.03.2016        | 20:00               | 21:30           | Rainer               | Teleskop auf Sommerzeit umgestellt, neues USB-Kabel verlegt + Kabelmanagement optimiert                                                                                                                                                            |
| 24.03.2016        | 00:30               | 01:30           | Rainer               | neues Alignment mit 8-9 Sternen                                                                                                                                                                                                                    |
| 21.03.2016        | 14:00               | 15:00           | David, Marc & Rainer | Rektaszensionsmotor entkoppelt und Rektaszensionsachse frei gedreht – Befund: kein Schiffshorn bei freier Drehung zu vernehmen auch nach dem wieder einkoppeln des Rektaszensionsmotors trat das Geräusch bisher nicht auf – neues Alignment nötig |
| 17.03.2016        | 18:30               | 23:00           | Rainer               | DADOS + STF-8300: HD 54879                                                                                                                                                                                                                         |
| 16.03.2016        | 18:30               | 05:00           | Rainer & Carlo       | DADOS + STF-8300: HD 54879 DSLR: Jupiter, BACHES: beta Cep                                                                                                                                                                                         |
| 09.03.2016        | 18:30               | 23:30           | Rainer               | DADOS + STF-8300: HD 54879                                                                                                                                                                                                                         |
| 08.03.2016        | 18:30               | 04:00           | Rainer               | DADOS + STF-8300: HD 54879 & BD+53 2790                                                                                                                                                                                                            |
| 07.03.2016        | 18:30               | 03:00           | Rainer               | DADOS + STF-8300: HD 54879 & BD+53 2790                                                                                                                                                                                                            |
| 06.03.2016        | 18:30               | 02:30           | Rainer               | DADOS + STF-8300: HD 54879                                                                                                                                                                                                                         |
| 03.03.2016        | 22:30               | 03:45           | Rainer               | DADOS + STF-8300: HD 54879 & BD+53 2790                                                                                                                                                                                                            |
| 01.03.2016        | 20:00               | 22:00           | Rainer               | DADOS + STF-8300: HD 54879                                                                                                                                                                                                                         |

## Februar/February

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                           |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------------------------|
| 24.02.2016        | 20:00               | 13:00           | Rainer           | DADOS + STF-8300: HD 54879                                              |
| 24.02.2016        | 14:00               | 16:30           | Rainer           | ST-i: Firmwareupdate                                                    |
| 23.02.2016        | 20:00               | 23:30           | Rainer           | DADOS + STF-8300: HD 54879                                              |
| 06.02.2016        | 22:00               | 03:30           | Carlo            | DADOS: HD 237299, HD 54879 \ Baches: Jupiter right/middle/left, Ganymed |
| 03.02.2016        | 18:00               | 22:30           | Rainer           | RGB-Aufnahmen mit der STF-8300M eines Feldes in M31                     |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 02.02.2016        | 22:30               | 03:00           | Rainer           | RZ Cas mit der STF-8300M                      |

## Januar/January

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                             |
|-------------------|---------------------|-----------------|------------------|---------------------------------------------------------------------------------------------------------------------------|
| 28.01.2016        | 20:00               | 02:30           | Rainer           | RZ Cas mit der STF-8300M (Abbruch aufgrund zu starker Bewölkung)                                                          |
| 22.01.2016        | 12:00               | 01:00           | Rainer           | SBIG-Treiberupdate auf dem Laptop, Firmwareupdate für die STF-8300M, RGBC-Aufnahmen mit der STF-8300M eines Feldes in M31 |
| 21.01.2016        | 18:00               | 23:45           | Ba1, Marc        | C3, C4, C7                                                                                                                |
| 18.01.2016        | 17:30               | 04:45           | Carlo            | 3 Frames RGB M31 á 30min & Baches Spektrum Jupiter linke/rechte Seite 20min                                               |
| 09.01.2016        | 22:30               | 02:15           | Carlo            | Horsehead Nebula - RGBCHa, Flame Nebula - RGB, Orion Nebula - RGB                                                         |
| 09.01.2016        | 18:15               | 22:30           | Ba2, Carlo       | C6                                                                                                                        |
| 09.01.2016        | 11:30               | 13:00           | Ba2, Carlo       | C2                                                                                                                        |

## 2015

### Dezember/December

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>      |
|-------------------|---------------------|-----------------|------------------|----------------------------------------------------|
| 30.12.2015        | 17:00               | 01:00           | Carlo            | NGC 7789 für N2                                    |
| 08.12.2015        | 18:15               | 22:45           | Ba2, Carlo       | C1 - Andromeda                                     |
| 04.12.2015        | 18:15               | 19:15           | Marc             | Aufnahmen mit der DSLR+Stativ (Andromeda+Plejaden) |

### November

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 09.11.2015        | 13:30               | 14:15           | Helge, Rainer    | WLAN-Router in der Kuppel verbaut             |
| 05.11.2015        | 18:00               | 21:00           | Ba2, Marc        | O1, O2                                        |
| 02.11.2015        | 18:00               | 22:30           | Ba1, Rainer      | O1, O2 + einige Aufnahmen mit der DSLR        |

### Oktober/October

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                           |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------|
| 27.10.2015        | 23:00               | 05:00           | Rainer           | Spektren von HD 237299 mit dem DADOS, Orion und Jupiter + Mars + Venus mit der DSLR, Teleskop auf Winterzeit umgestellt |
| 10.10.2015        | 20:30               | 02:00           | Carlo            | RZ Cas (STF8300) und DSLR-Stativ Aufnahmen                                                                              |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>         |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------|
| 02.10.2015        | 20:30               | 03:00           | Rainer           | Testaufnahmen bezüglich des Nachführfehlers (STF8300) |
| 01.10.2015        | 19:30               | 01:00           | Rainer           | Algol und RZ Cas (STF8300)                            |

## September

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>      | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|-----------------------|-----------------------------------------------|
| 27.09.2015        | 23:00               | 06:00           | Carlo, Andreas, David | Mondfinsternis (Okular, SFT8300, DSLR)        |

## August/August

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>            | <b>Was wurde gemacht?/What has been done?</b>             |
|-------------------|---------------------|-----------------|-----------------------------|-----------------------------------------------------------|
| 31.08.2015        | 22:00               | 03:30           | Rainer, Carlo               | Tests mit DSLR & M31 (3 x 300 RGB mit STF8300) für Mosaik |
| 13.08.2015        | 22:00               | 05:00           | Rainer                      | RZ Cas und 67P Churyumov-Gerasimenko                      |
| 11.08.2015        | 22:00               | 03:00           | Rainer                      | RZ Cas (bedeckungsveränderlicher Doppelstern)             |
| 05.08.2015        | 22:30               | 02:30           | Carlo                       | NGC 6791 2x5x10min UV/IR-Block                            |
| 03.08.2015        | 22:30               | 03:00           | Rainer                      | RZ Cas (bedeckungsveränderlicher Doppelstern)             |
| 01.08.2015        | 12:00               | 17:00           | Rainer, Marcel, Carlo, Marc | Kuppel säubern (außen und innen) und wachsen (außen)      |

## Juli/July

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>            | <b>Was wurde gemacht?/What has been done?</b>                                           |
|-------------------|---------------------|-----------------|-----------------------------|-----------------------------------------------------------------------------------------|
| 31.07.2015        | 22:30               | 01:00           | Carlo                       | DADOS neu kalibriert + 2 Spektren                                                       |
| 21.07.2015        | 23:30               | 02:00           | Carlo                       | neues Alignment und Test AO7 IC1396                                                     |
| 17.07.2015        | 22:00               | 02:00           | Ma1, Carlo                  | N2 - NGC6939                                                                            |
| 17.07.2015        | 09:00               | 10:15           | Ba1, Carlo                  | C2                                                                                      |
| 11.07.2015        | 23:00               | 03:00           | Rainer                      | Test ST-7 mit UHC-S- Filter (M3 & M57)                                                  |
| 06.07.2015        | 22:30               | 00:30           | Carlo                       | DADOS 900er-Gitter (WR110,WR133)                                                        |
| 02.07.2015        | 23:30               | 02:00           | Carlo, Marc, Rainer, Nicole | Test der STi im Zusammenspiel mit dem DADOS (WR140, WR110, Mond) + DADOS neu kalibriert |
| 02.07.2015        | 22:00               | 23:30           | Ba2, Carlo                  | O2                                                                                      |
| 01.07.2015        | 22:00               | 00:00           | Ba1, Marc                   | O2                                                                                      |

## Juni/June

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                                                |
|-------------------|---------------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 30.06.2015        | 22:00               | 03:00           | Carlo, Rainer    | Aufnahmen von Jupiter und Venus mit der DSLR + Test der Autoguidenfunktion der STi im Zusammenspiel mit der STF8300M (M3) und dem BACHES (?) |
| 24.06.2015        | 22:00               | 23:30           | Ba3, Carlo       | O3,C5                                                                                                                                        |
| 07.06.2015        | 22:30               | 03:00           | Carlo            | Baches Spektren teils mit Autoguide (Venus/Jupiter, Arktur, Alkaid, 10 Lac, HIP99002)                                                        |
| 05.06.2015        | 12:00               | 14:00           | Ba2, Carlo       | C2                                                                                                                                           |
| 04.06.2015        | 22:00               | 01:00           | Ba1, Carlo       | C3 und Baches-Spica mit Guider                                                                                                               |
| 03.06.2015        | 22:30               | 03:00           | Carlo            | Tests mit Baches und Autoguide & Spektrum:μ UMa(M0III) und alpha UMa(G9III+A7.5)                                                             |

## Mai/May

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                       | <b>Was wurde gemacht?/What has been done?</b>                                                        |
|-------------------|---------------------|-----------------|----------------------------------------|------------------------------------------------------------------------------------------------------|
| 27.05.2015        | 22:00               | 00:15           | Ba3, Marc                              | O3                                                                                                   |
| 24.05.2015        | 23:00               | 01:00           | Carlo                                  | Spektren mit Baches (50μm-Schlitz: HIP100287 (WC7p+O5), gamma UMa (Em*), gamma Cas (Be*))            |
| 21.05.2015        | 22:00               | 01:30           | M1 (Michael), Carlo                    | N2 - NGC 188 (Wackelkontakt der Flatfieldfolie?)                                                     |
| 12.05.2015        | 21:45               | 02:00           | M1, Carlo                              | N3 (Polaris, Alkaid, Vega, Arktur, Capella, Antares, zeta Oph)                                       |
| 07.05.2015        | 13:30               | 14:00           | Rainer                                 | altes netzteil des C14 durch neues Netzteil von Baader ersetzt und erste Funktionstests durchgeführt |
| 06.05.2015        | 21:00               | 00:00           | Marc, Carlo, Rainer, Lida, Wolf-Rainer | Testaufnahmen mit dem BACHES (Venus, Polaris, Alkaid)                                                |

## April

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b>                                              |
|-------------------|---------------------|-----------------|-------------------|--------------------------------------------------------------------------------------------|
| 23.04.2015        | 21:00               | 01:00           | Gruppe Ba3, Marc  | O1, O2, C4                                                                                 |
| 22.04.2015        | 21:00               | 01:30           | Gruppe Ba2, Carlo | O1, C1, C4                                                                                 |
| 21.04.2015        | 21:00               | 00:00           | Gruppe Ba1, Carlo | O1, O4                                                                                     |
| 20.04.2015        | 21:00               | 00:00           | Gruppe M2, Rainer | N2: NGC 2422                                                                               |
| 09.04.2015        | 19:30               | 22:00           | Marc und Rainer   | Testaufnahmen mit dem BACHES (Venus, Capella, Polaris); Teleskop auf Sommerzeit umgestellt |

## März/March

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                                     | Was wurde gemacht?/What has been done?                                                |
|------------|--------------|----------|-----------------------------------------------|---------------------------------------------------------------------------------------|
| 18.03.2015 | 19:00        | 20:45    | Rainer, Carlo, Marcel, Marc und Schülergruppe | Beobachtung mit Okular mit C14 und C11 (Venus,Mars,Jupiter,Alcor,M42,Bode-Galaxie,M3) |
| 03.03.2015 | 19:00        | 21:00    | Rainer                                        | Testaufnahmen mit dem BACHES (Testreihe von unterschiedlichen Flats)                  |

## Februar/February

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?     | Was wurde gemacht?/What has been done?                                                                                                                                                         |
|------------|--------------|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24.02.2015 | 19:00        | 21:00    | Rainer        | Testaufnahmen mit dem BACHES (Testreihe von unterschiedlichen Flats)                                                                                                                           |
| 24.02.2015 | 19:00        | 21:00    | Rainer        | Testaufnahmen mit dem BACHES (Testreihe von unterschiedlichen Flats)                                                                                                                           |
| 16.02.2015 | 19:00        | 20:15    | M2, Carlo     | N2: M34 und NGC869                                                                                                                                                                             |
| 15.02.2015 | 17:30        | 21:00    | Rainer        | Testaufnahmen mit dem BACHES (Mintaka - Delta Ori, Betelgeuse, Pollux, M42)                                                                                                                    |
| 12.02.2015 | 18:00        | 21:50    | M2, Carlo     | N1: O-Alnitak,B-Rigel,A-Sirius,F-Prokyon,G-Capelle,K-Aldebaran,M-Beteigeuze (+1°C - keine Geräusche der Montierung)                                                                            |
| 05.02.2015 | 21:00        | 02:00    | Carlo, Rainer | Testaufnahmen mit der DSLR (C/2014 Q2 Lovejoy, Jupiter, M42, M43, M45) und der STF8300 (C/2014 Q2 Lovejoy, Algol, NGC6939) - <b>Fehlermeldung beim herunterfahren: ERROR ????? CHECK MOTOR</b> |
| 05.02.2015 | 18:00        | 21:00    | M3, Carlo     | O1 und N1 (Rigel & Beteigeuze)                                                                                                                                                                 |
| 05.02.2015 | 17:00        | 18:00    | Rainer        | Testaufnahmen mit dem BACHES (Mintaka - Delta Ori) - lautes Geräusch (Schiffshorn) aus der Montierung (Es ist definitiv die <b>Rektaszensionsachse</b> )                                       |

## Januar/January

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                          | Was wurde gemacht?/What has been done?                             |
|------------|--------------|----------|------------------------------------|--------------------------------------------------------------------|
| 29.01.2015 | 21:00        | 22:30    | Rainer                             | Testaufnahmen mit der DSLR (Jupiter)                               |
| 28.01.2015 | 14:00        | 15:00    | Schülerpraktikanten, Carlo, Rainer | Beobachtung der Sonne mit dem C11 inklusive Aufnahmen mit der DSLR |
| 06.01.2015 | 12:10        | 12:20    | Rainer                             | regenerierte Trockenmittelkartusche in die ST-8 wieder eingesetzt  |

# 2014

## Dezember/December

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who? | Was wurde gemacht?/What has been done?                                                                   |
|------------|--------------|----------|-----------|----------------------------------------------------------------------------------------------------------|
| 29.12.2014 | 17:00        | 19:00    | Rainer    | Sonnenspektrum mit BACHES, Austausch des Trockenmittels im OST, Trockenmittelkartusche der ST-8 entfernt |
| 28.12.2014 | 18:15        | 19:30    | Carlo     | Mondaufnahmen für Mosaik mit SFT-8300 als Test                                                           |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                        |
|-------------------|---------------------|-----------------|------------------|--------------------------------------------------------------------------------------|
| 09.12.2014        | 18:15               | 22:00           | M3, Carlo        | teilweise O1 und N1 (Capella, Vega, Polaris, Almaak, Alnitak)                        |
| 09.12.2014        | 17:15               | 18:00           | Rainer           | BACHES: first light und erstes Spektrum von Vega; Teleskop auf Winterzeit umgestellt |

## November

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>      | <b>Was wurde gemacht?/What has been done?</b>                                                                |
|-------------------|---------------------|-----------------|-----------------------|--------------------------------------------------------------------------------------------------------------|
| 26.11.2014        | 14:30               | 15:00           | Rainer                | Test der STF-8300M mit OG und STi: Spiegel des OG muss noch eingestellt werden (siehe <a href="#">ToDo</a> ) |
| 04.11.2014        | 13:30               | 14:30           | Rainer, Marcel, Carlo | STF-8300M: first light und Testaufnahmen                                                                     |

## Oktober/October

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 28.10.2014        | 19:00               | 22:45           | Ma3, Carlo       | N2 - M34 & NGC 6939                           |
| 27.10.2014        | 18:30               | 22:30           | Ma1, Carlo       | N1                                            |
| 14.10.2014        | 16:00               | 17:00           | Carlo            | Webcam Treiber installiert                    |

## September

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                          |
|-------------------|---------------------|-----------------|------------------|--------------------------------------------------------------------------------------------------------|
| 16.09.2014        | 21:30               | 01:30           | Carlo            | verschiedene Beobachtungen mit Okular & Aufnahme M57 B/V/R/I Filter                                    |
| 03.09.2014        | 21:00               | 03:00           | Rainer + Carlo   | Kollimation des C14 verbessert, sowie Test mit Tracking auf neuem Toughbook & Aufnahme M27 für Gallery |

## August

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>           | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                                                             |
|-------------------|---------------------|-----------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.08.2014        | 09:45               | 10:00           | Marcel                     | Kontrolle des Trockenmittels im OST → noch ok                                                                                                                                                                             |
| 20.08.2014        | 22:00               | 23:30           | Angel, Anna und Begleitung | Beobachtung mit dem Okular                                                                                                                                                                                                |
| 08.08.2014        | 22:30               | 05:30           | Rainer                     | DSLR: first light aber leider keine Aufnahmen (keine funktionierende SD-Karte vorhanden), A-PEC Training sowie anschließende Testaufnahmen, Aufnahmen von Algol nahe dem Min. (ST-8) und Debug der Advanced-GT-Montierung |

## Juli

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                     | Was wurde gemacht?/What has been done?                                                                                                              |
|------------|--------------|----------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.07.2014 | 23:00        | 02:00    | Gruppe M2, Rainer             | N1: Alpha Cam [O9.5Ia], Alpheratz [B8IV], Vega [A0 V], Polaris [F7 Ib-IIv, F6 V, F3 V], Eta Dra [G8 III-IV], Arktur [K2 III], Capella [G1III+K0III] |
| 17.07.2014 | 12:30        | 14:30    | Marcel, Rainer, M4            | C2                                                                                                                                                  |
| 17.07.2014 | 11:00        | 12:30    | Marcel, Rainer, Kinder        | Kindergruppe im Rahmen "Unicamp für Hochschulkids", Kurzvortrag Sonnensystem, Sonnenbeobachtung mit C11                                             |
| 16.07.2014 | 10:00        | 11:30    | Marcel, M4                    | C2, Abbruch wegen aufziehender Wolkendecke                                                                                                          |
| 08.07.2014 | 12:00        | 13:00    | Marcel, Rainer, Schülergruppe | Kuppelführung und Sonnenbeobachtung                                                                                                                 |
| 04.07.2014 | 13:30        | 15:00    | Gruppe B1, Rainer             | C2, Aufnahme der gesamten Sonne für Mosaik                                                                                                          |
| 03.07.2014 | 23:00        | 03:00    | Gruppe M1, Rainer             | N2: NGC 6709 & NGC 7789                                                                                                                             |

## Juni

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?         | Was wurde gemacht?/What has been done?                                                                                                                   |
|------------|--------------|----------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09.06.2014 | 22:00        | 01:00    | Gruppe B1, Rainer | C6 (3 Galaxien)                                                                                                                                          |
| 06.06.2014 | 22:30        | 01:30    | Gruppe M1, Rainer | N1: zet Oph [O9 V], Sulafat [B9 III], Mizar [A1.5 V], Polaris [F7 Ib-IIv, F6 V, F3 V], Chara [G0 V], Arktur [K2 III], Lambda Draconis (Iam Dra) [M0 III] |
| 03.06.2014 | 11:00        | 11:05    | Marcel            | Batterie im Kuppelwecker getauscht, Kuppel auf Moos/Schimmel untersucht → Reinigung notwendig                                                            |

## Mai

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?         | Was wurde gemacht?/What has been done?                                                                                                                                   |
|------------|--------------|----------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30.05.2014 | 22:00        | 05:00    | Rainer            | Test der self guiding Fähigkeit der ST-8 (IC 4665 & NGC 6871)                                                                                                            |
| 26.05.2014 | 22:00        | 02:00    | Gruppe M3, Rainer | N1: zet Oph [O9 V], Alkaid [B3 V], Vega [A0 V], Polaris [F7 Ib-IIv, F6 V, F3 V], Eta Dra [G8 III-IV], Dubhe [G8 III (Simbad), K1 II-III (Wikipedia)], del Oph [M0.5 III] |
| 21.05.2014 | 22:00        | 01:00    | Gruppe M2, Rainer | N1: Alkaid [B3 V], Vega [A0 V], Arktur [K2 III], Regulus [B7 V], Polaris [F7 Ib-IIv, F6 V, F3 V], Abbruch aufgrund zu starker Bewölkung                                  |
| 20.05.2014 | 21:30        | 00:00    | Rainer            | Test der self guiding Fähigkeit der ST-8 (NGC 6819)                                                                                                                      |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b>                                                                                                   |
|-------------------|---------------------|-----------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 19.05.2014        | 22:00               | 04:00           | Gruppe M3, Rainer | C1 (M 13) und C4 (Saturn) sowie anschließende Testaufnahmen mittels self guiding (tracking speed des Teleskopes auf 0.5 x sidereal eingestellt) |
| 15.05.2014        | 22:00               | 02:00           | Rainer            | Testaufnahmen zur Dokumentation des Nachführfehlers (Teil 2)                                                                                    |
| 07.05.2014        | 21:00               | 00:00           | Gruppe B1, Rainer | C3/C5 und C6 (Galaxie 1 und Galaxie 2), Abbruch aufgrund aufziehender Bewölkung                                                                 |

## April

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b>                         |
|-------------------|---------------------|-----------------|-------------------|-----------------------------------------------------------------------|
| 28.04.2014        | 21:00               | 02:40           | Gruppe M2, Rainer | N2: NGC 6939 und M 67                                                 |
| 25.04.2014        | 21:00               | 00:00           | Gruppe B1, Rainer | O1 und O4                                                             |
| 17.04.2014        | 21:00               | 21:30           | Gruppe M1, Rainer | O1 dann Abbruch aufgrund aufziehender Bewölkung                       |
| 16.04.2014        | 21:00               | 00:00           | Rainer            | Spektren von Zeta Ori, Sirius und Alkaid (DADOS-Gitter: 900 Linie/nm) |
| 11.04.2014        | XX:XX               | 23:00           | Philipp, Gäste    | Besuch von einer Schülergruppe                                        |

## März

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                                          | <b>Was wurde gemacht?/What has been done?</b>                                                                        |
|-------------------|---------------------|-----------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 30.03.2014        | 20:30               | 00:00           | Rainer                                                    | ST-8: Algol und einigen Aufnahmen zur Dokumentation des Nachführfehlers (Teil 1); Teleskop auf Sommerzeit umgestellt |
| 27.03.2014        | 19:00               | 23:00           | Rainer                                                    | Spektren von Deta Ori, Beteigeuze und Polaris (DADOS-Gitter: 900 Linie/nm)                                           |
| 13.03.2014        | 19:00               | 21:00           | Marcel, Gast                                              | Beobachtungen mit dem Okular                                                                                         |
| 10.03.2014        | 18:45               | 21:15           | Marcel, Gruppe Ba2                                        | Aufnahme von zwei Galaxien für C6                                                                                    |
| 10.03.2014        | 18:00               | 22:00           | Rainer, Marcel (<21Uhr)                                   | Spektren von Jupiter, Jupitermonde, Jupiterband, Polaris, Sirius, delta Ori, zeta Ori aufgenommen                    |
| 08.03.2014        | 19:00               | 00:00           | Rainer                                                    | Spektren: delta Ori und zeta Ori, ST-8: Algol und Mars                                                               |
| 06.03.2014        | 20:35               | 20:50           | Marcel, Rainer                                            | Aufnahme mit DSLR vom Mond und Jupiter                                                                               |
| 06.03.2014        | 18:40               | 20:30           | Marcel, Rainer, Gäste (Schüler einer 5. Grundschulklasse) | Vortrag über Sonnensystem, Milchstraße, Beobachtungen mit dem Okular (Mond, Jupiter, Orion, Mizar, Beteigeuze)       |

## Februar

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>             | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                                                                                                                                 |
|-------------------|---------------------|-----------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.02.2014        | 12:00               | 14:00           | Gruppe B1,<br>Rainer         | C2                                                                                                                                                                                                                                                                                            |
| 24.02.2014        | 20:00               | 00:00           | Gruppe B1,<br>Rainer         | C1: M 81 (B,V,R,I)                                                                                                                                                                                                                                                                            |
| 24.02.2014        | 14:00               | 15:30           | Marcel, Rainer               | Aufnahme der gesamten Sonne für Mosaik, FileZilla installiert, Daten von 23.02. und 24.02. kopiert, regenerierte Trockenmittelkartusche in die ST-7 wieder eingesetzt                                                                                                                         |
| 24.02.2014        | 12:00               | 14:30           | Gruppe B2,<br>Marcel, Rainer | C2, Aufnahme der gesamten Sonne für Mosaik                                                                                                                                                                                                                                                    |
| 23.02.2014        | 19:30               | 01:30           | Rainer                       | Aufnahmen von Algol mit der ST-8 (hoffentlich mit Minimum)                                                                                                                                                                                                                                    |
| 20.02.2014        | 18:30               | 22:30           | Gruppe M2,<br>Rainer         | N1: HIP 109556 (?) [O6If(n)], delta Ori [B0III+O9V+...], HIP 8886 [B3III], Castor [A1V+A2Vm], Polaris [F7:IIb-IIv], HIP 41704 [G5III], Pollux [K0III], HIP 56211 [M0III]; erneutes Auftreten des dröhnendes Geräusch + Eisbildung in der ST-7 ⇒ Trockenmittelkartusche der ST-7 entfernt      |
| 12.02.2014        | 19:00               | 22:30           | Rainer, Tomer                | Aufnahmen von M82 in V,B,R                                                                                                                                                                                                                                                                    |
| 10.02.2014        | 12:00               | 17:00           | Rainer, Marcel               | Update beider Hand Controller auf 4.21, Update Motorsteuerung auf 6.17 beim CGE Pro; Anruf bei Baader: Hand Controller verursacht "No Response 16/17" Fehler, Nutzung alter Hand Controller erzeugt (bis jetzt) keine Fehler; CGE Pro (außer das Stativ und Tubus) wird nun in 2.113 gelagert |
| 06.02.2014        | 11:30               | 17:00           | Rainer, Marcel               | Fehlersuche wegen "No Response 16/17" beim CGE Pro                                                                                                                                                                                                                                            |
| 04.02.2014        | 09:40               | 15:00           | Marcel                       | Daten auf a12 kopiert, Virendurchlauf, CCleaner, Defragmentiert                                                                                                                                                                                                                               |
| 03.02.2014        | 18:30               | 02:00           | Rainer, Marcel<br>(<21Uhr)   | Aufnahmen von M82 in V,B,R,Halpha                                                                                                                                                                                                                                                             |

## Januar

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                           |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------|
| 31.01.2014        | 18:00               | 00:00           | Rainer           | Test: M82, Abbruch auf aufgrund zu schlechter Beobachtungsbedingungen                                                   |
| 21.01.2014        | 16:10               | 16:20           | Marcel           | Austausch Trockenmittel im OST, Schnee gefegt, Müllbeutel mit dem aus 2.113 getauscht, Warnschild Eisglätte angebracht  |
| 14.01.2014        | 10:40               | 11:00           | Marcel           | Test und Abbau der Lichterkette (ok), Lagerung in 2.113                                                                 |
| 13.01.2014        | 11:00               | 16:00           | Marcel           | Avira-Update und Systemüberprüfung (kein Befund), Festplattendefragmentierung, Firefox Update auf 26, HD Tune Test (Ok) |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b>                                                                                  |
|-------------------|---------------------|-----------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 07.01.2014        | 18:00               | 21:00           | Gruppe M1, Rainer | N1: Aldebaran [K5III], Capella [G8III+G0III], Castor [A1V+A2V], Eta Aur [B3V], Menkhib [O7.5III], Mirfak [F5I], Rho per [M4II] |

## 2013

### Dezember

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>       | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------------|-----------------------------------------------|
| 30.12.2013        | 20:00               | 23:00           | Wolf-Rainer            | Beobachtung mit dem Okular                    |
| 19.12.2013        | 17:00               | 19:00           | Besuchergruppe, Rainer | Führung Kuppel und Beobachtung des Baukrans   |
| 16.12.2013        | 21:00               | 22:30           | Dennis, Rainer         | Videoaufnahmen vom Mond und Jupiter           |
| 03.12.2013        | 18:00               | 19:30           | Gruppe M2, Rainer      | N1: Abbruch aufgrund starken Nebels           |

### November

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>     | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                      |
|-------------------|---------------------|-----------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28.11.2013        | 14:30               | 14:30           | Rainer               | regenerierte Trockenmittelkartusche in die ST-8 wieder eingesetzt                                                                                                                  |
| 27.11.2013        | 13:15               | 13:15           | Rainer               | Trockenmittel im Teleskop getauscht                                                                                                                                                |
| 26.11.2013        | 18:30               | 23:30           | Gruppe M1, Rainer    | N2: NGC 6939 und M 52 (Abbruch aufgrund aufziehender Bewölkung; erneutes Auftreten des dröhnendes Geräusch beim Schwenken des Teleskops; Trockenmittelkartusche der ST-8 entfernt) |
| 25.11.2013        | 18:00               | 23:30           | Gruppe B2, Rainer    | O1, O2, C4 und C6                                                                                                                                                                  |
| 25.11.2013        | 10:30               | 12:00           | Marcel, Rainer, Gast | Aufnahme Mond mit ST-8 und Canon 550D zum Testen der T2-Verbindung                                                                                                                 |

### Oktober

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>         | <b>Was wurde gemacht?/What has been done?</b>                    |
|-------------------|---------------------|-----------------|--------------------------|------------------------------------------------------------------|
| 29.10.2013        | 18:00               | 23:30           | Rainer                   | Teleskop auf Winterzeit umgestellt + neues Alignment (25 Sterne) |
| 24.10.2013        | 21:00               | 01:00           | Gruppe B1, Rainer, Tomer | O1 und O2                                                        |
| 22.10.2013        | 18:45               | 22:00           | Gruppe B2, Rainer        | O1, O2 und O3                                                    |

### September

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 13.09.2013        | 23:00               | 02:00           | Carlo            | Beobachtung mit dem Okular                    |

## August

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|-------------------|-----------------------------------------------|
| 05.08.2013        | 14:00               | 16:00           | Gruppe B2, Rainer | C2                                            |

## Juli

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>    | <b>Was wurde gemacht?/What has been done?</b>                                      |
|-------------------|---------------------|-----------------|---------------------|------------------------------------------------------------------------------------|
| 19.07.2013        | 10:15               | 11:45           | Gruppe M2, Rainer   | C2                                                                                 |
| 15.07.2013        | 23:00               | 03:45           | Gruppe M1, Rainer   | N2: NGC 7789 und NGC 6939                                                          |
| 10.07.2013        | 22:00               | 02:00           | Gruppe M3, Kathleen | C6, Abbruch wegen ploetzlicher geschlossener Wolkendecke                           |
| 09.07.2013        | 22:00               | 02:50           | Gruppe B2, Marcel   | O2, C6; mobiles Teleskop zum Zeitvertreib (ohne gutes Alignment aber nichts sehen) |

## Juni

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>      | <b>Was wurde gemacht?/What has been done?</b>                                                                |
|-------------------|---------------------|-----------------|-----------------------|--------------------------------------------------------------------------------------------------------------|
| 19.06.2013        | 22:00               | 00:45           | Gruppe B2, Rainer     | O1, O4, Abbruch aufgrund zu starker Bewölkung                                                                |
| 11.06.2013        | 21:45               | 23:30           | Gruppe B2, Marcel     | O1: Venus, Mond, C4 Saturn 1 Aufnahme, Abbruch wegen geschlossener Wolkendecke                               |
| 08.06.2013        | 12:30               | 15:10           | Rainer, Marcel, Gäste | Führung Kuppel und Beobachtung Sonne im Rahmen Tausend Fragen, eine Stadt - Potsdamer Tag der Wissenschaften |
| 06.06.2013        | 13:20               | 15:40           | Marcel (Gruppe B1)    | Aufnahmen Sonnenfleck, Sonnenmosaik, Sonnenräder mit ST-8, Sonnenfleck und -ränder mit DADOS-Spektrograph    |
| 06.06.2013        | 12:00               | 13:20           | Gruppe B1, Marcel     | C2                                                                                                           |
| 06.06.2013        | 11:00               | 12:00           | Marcel                | Virenüberprüfung (keine Funde), Firefox Update auf 21.0                                                      |
| 05.06.2013        | 22:00               | 04:00           | Gruppe M3, Rainer     | N2: NGC 6633, NGC 6939                                                                                       |
| 04.06.2013        | 22:00               | 00:30           | Gruppe M1, Marcel     | N1: 10 Lac [O9], Alfirk[B2], beta Cas [F2], Eta Dra [G8], Kochab [K4], rho Uma [M3], Vega [A0]               |

## Mai

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b>                                                                  |
|-------------------|---------------------|-----------------|-------------------|----------------------------------------------------------------------------------------------------------------|
| 30.05.2013        | 11:30               | 14:30           | Marcel            | Laptop Defragmentierung, Daten-Sync mit a12, Memtest (keine Fehler), HD Tune (kein Fehler), CCleaner Durchlauf |
| 28.05.2013        | 22:00               | 01:00           | Gruppe M3, Rainer | O2,O4, Abbruch aufgrund zu starker Bewölkung                                                                   |
| 15.05.2013        | 21:00               | 23:30           | Marcel, Gruppe M2 | O1,O2,C3,C4                                                                                                    |
| 03.05.2013        | 10:00               | 10:15           | Rainer            | regenerierte Trockenmittelkartusche in die ST-7 wieder eingesetzt                                              |

## April

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b>                                                                               |
|-------------------|---------------------|-----------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 29.04.2013        | 21:00               | 23:30           | Gruppe M3, Rainer | N1 (Alkaid [B], Vega [A], Polaris [F], Vindemiatrix [G], ...)                                                               |
| 26.04.2013        | 20:30               | 21:47           | Gruppe M2, Marcel | O1 (keine Zeichnungen), Abbruch wegen geschlossener Wolkendecke                                                             |
| 26.04.2013        | 10:00               | 10:10           | Rainer            | Trockenmittelkartusche der ST-7 entfernt                                                                                    |
| 26.04.2013        | 15:40               | 18:30           | Marcel            | CCleaner, Stellarium Update auf 0.12.1, Java Update, Firefox Update, Opera Update, Grafiktreiber Update, FlashPlayer Update |
| 25.04.2013        | 21:00               | 00:30           | Gruppe M3, Rainer | O1 und O3 (abgebrochen aufgrund zu starker Bewölkung)                                                                       |
| 23.04.2013        | 09:30               | 12:00           | Marcel            | Daten vom 22.04. heruntergeladen, Datenträgerbereinigung, Defragmentierung, Virenüberprüfung                                |
| 22.04.2013        | 21:30               | 00:01           | Gruppe B1, Rainer | C6                                                                                                                          |
| 18.04.2013        | 20:45               | 23:30           | Gruppe B1, Rainer | O1, O2 und O3                                                                                                               |
| 17.04.2013        | 20:15               | 21:00           | Kathleen, Rainer  | tracking check + dual tracking aktiviert                                                                                    |
| 13.04.2013        | 01:00               | 02:00           | Rainer            | 12 Sterne dem Alignment hinzugefügt, welches jetzt wieder deutlich genauer sein sollte.                                     |

## März

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                | <b>Was wurde gemacht?/What has been done?</b>                                                                         |
|-------------------|---------------------|-----------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 25.03.2013        | 12:45               | 15:15           | Marcel, Rainer, Gast            | Aufnahme der Sonne mit DSRL, Untersuchung dröhnendes Geräusch                                                         |
| 24.03.2013        | 18:30               | 04:00           | Gruppe B1/M3, Rainer            | O2, C1, C3, N1, N2 (NGC 6939, NGC 869) - Dröhnendes Geräusch von Rektaszensionsachse wenn nach Westen geschenkt wird. |
| 16.03.2013        | 18:30               | 20:05           | Rainer                          | weitere Aufnahmen von Pan-Starrs C/2011 L4 mit der ST-8                                                               |
| 15.03.2013        | 18:20               | 20:15           | Andreas, Martin1, Rainer, Tomer | Aufnahmen des Kometen Pan-Starrs C/2011 L4 mit der ST-8                                                               |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>            | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|-----------------------------|-----------------------------------------------|
| 05.03.2013        | 18:00               | 22:00           | Gruppe B2, Kathleen         | O2, C1 (M1)                                   |
| 05.03.2013        | 13:30               | 16:00           | Gruppe B2, Rainer, Kathleen | C2                                            |
| 04.03.2013        | 18:00               | 22:30           | Gruppe M1, Marcel           | N2 NGC7789 und M44                            |

## Februar

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>         |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------|
| 06.02.2013        | 18:10               | 18:20           | Marcel           | Trockenmittel im Teleskop überprüft (noch grad so ok) |

## Januar

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>             | <b>Was wurde gemacht?/What has been done?</b>                                                                                                               |
|-------------------|---------------------|-----------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28.01.2013        | 14:30               | 14:50           | Marcel                       | Teleskop mit Stellarium verbunden, um Go-To-Steuerung zu aktivieren. Stellarium kann nun Teleskop Objekte anfahren lassen.                                  |
| 25.01.2013        | 17:00               | 20:00           | Gruppe M1/M2, Marcel, Rainer | N1 (Mintaka [O9.5], Rigel [B8], Deneb [A2], Prokyon [F5], Sonne(über Mond) [G2], Hamal [K2], Beteigeuze[M2]), Trockenmittel im Teleskop überprüft (noch ok) |
| 02.01.2013        | 09:45               | 10:00           | Rainer                       | Trockenmittel im Teleskop getauscht                                                                                                                         |

# 2012

## Dezember

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>          | <b>Was wurde gemacht?/What has been done?</b>                                                                                         |
|-------------------|---------------------|-----------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 28.12.2012        | 20:00               | 23:00           | Wolf-Rainer & Gäste       | Beobachtung mit dem Okular                                                                                                            |
| 17.12.2012        | 09:45               | 10:00           | Rainer                    | regenerierte Trockenmittelkartusche in die ST-8 wieder eingesetzt                                                                     |
| 14.12.2012        | 17:30               | 17:45           | Rainer, Kathleen, Andreas | Trockenmittelkartusche der ST-8 entfernt                                                                                              |
| 10.12.2012        | 09:45               | 10:00           | Rainer                    | Trockenmittel im Teleskop getauscht                                                                                                   |
| 07.12.2012        | 17:00               | 19:30           | Gruppe B1, Marcel         | C6, nur eine 1 Galaxie, wahrscheinlich Probleme mit Eis im Filterrad, Abbruch wegen Eis auf der Schmidplatte ( <a href="#">Foto</a> ) |
| 07.12.2012        | 14:30               | 16:00           | Marcel                    | Update Stellarium, Teleskop mit Stellarium verbunden (noch kein Anfahren von Objekten möglich)                                        |
| 06.12.2012        | 20:00               | 23:00           | Gruppe M1, Kathleen       | O1, testen der ST-8                                                                                                                   |

**November**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b>                                                                                                             |
|-------------------|---------------------|-----------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.11.2012        | 20:00               | 22:30           | Gruppe B1, Rainer | O1 und O4                                                                                                                                                 |
| 13.11.2012        | 20:30               | 23:45           | Gruppe B2, Rainer | O1 und O4, Teleskop auf Winterzeit umgestellt                                                                                                             |
| 02.11.2012        | 12:30               | 13:40           | Marcel            | Antivira Update auf v2013, Überprüfung auf Steuerung mit Stellarium (anscheinend nicht möglich), Überprüfung GPS-Data (korrekt), Ablesen Alignment-Fehler |

**Oktober**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>       | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------------|-----------------------------------------------|
| 08.10.2012        | 21:00               | 22:30           | Philipp, Schülergruppe | Teleskopvorführung & Beobachtung              |
| 05.10.2012        | 11:00               | 14:00           | Marcel                 | Laptop Defragmentierung                       |

**September**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|-------------------|-----------------------------------------------|
| 03.09.2012        | 21:00               | 02:00           | Gruppe B5, Rainer | C1 (NGC 6946), C3                             |

**August**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>   |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------|
| 15.08.2012        | 23:00               | 02:30           | Rainer           | Beobachtung mit der ST-8 (Hygiea)               |
| 02.08.2012        | 00:15               | 03:45           | Rainer           | Beobachtung mit der ST-8 (Pallas und Algol)     |
| 01.08.2012        | 22:30               | 00:15           | Helge & Gäste    | Teleskopvorführung & Beobachtung mit dem Okular |

**Juli**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>            | <b>Was wurde gemacht?/What has been done?</b>          |
|-------------------|---------------------|-----------------|-----------------------------|--------------------------------------------------------|
| 27.07.2012        | 22:00               | 01:00           | Rainer                      | Beobachtung mit dem Okular                             |
| 26.07.2012        | 14:00               | 15:30           | Gruppe B3, Rainer           | C2                                                     |
| 23.07.2012        | 22:45               | 04:10           | Gruppe B1, Rainer           | C6                                                     |
| 20.07.2012        | 22:30               | 02:35           | Gruppe B3, Rainer           | C1 (M 27), aufgrund von schlechten Wetters abgebrochen |
| 19.07.2012        | 22:30               | 02:40           | Gruppe B1, Fabian           | C1 (M 17)                                              |
| 12.07.2012        | 22:30               | 02:45           | Gruppe B4, Fabian           | C1 (M 51) und C3, Aufnahmen von M 13 und M 109         |
| 09.07.2012        | 14:15               | 17:30           | Gruppe B1, Kathleen, Rainer | C2                                                     |
| 06.07.2012        | 14:00               | 17:00           | Gruppe B5, Fabian           | C2                                                     |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|-------------------|-----------------------------------------------|
| 04.07.2012        | 11:00               | 14:00           | Gruppe B2, Rainer | C2                                            |

## Juni

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                           | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|--------------------------------------------|-----------------------------------------------|
| 26.06.2012        | 21:30               | 02:00           | Gruppe B6, Kathleen                        | O3 und C1 (M 57)                              |
| 18.06.2012        | 22:00               | 01:30           | Gruppe B4, Rainer                          | O1, O2 und O4                                 |
| 14.06.2012        | 22:20               | 01:05           | Gruppe B5, Nadine, Rainer                  | O1 und O2                                     |
| 05.06.2012        | 22:00               | 07:30           | Nadine, Rainer, Fabian, Andreas            | Venustransit                                  |
| 02.06.2012        | 22:00               | 01:00           | Fabian, Nadine, Helge, Rainer, Wolf-Rainer | Lange Nacht der Wissenschaften (Mond, Saturn) |

## Mai

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>    | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|---------------------|-----------------------------------------------|
| 25.05.2012        | 21:40               | 01:30           | Gruppe M1, Fabian   | Versuch N1                                    |
| 24.05.2012        | 21:40               | 01:20           | Gruppe B1, Fabian   | O1 und O2                                     |
| 23.05.2012        | 22:15               | 01:30           | Gruppe B2, Rainer   | O2 und C4                                     |
| 22.05.2012        | 22:00               | 00:30           | Gruppe B6, Kathleen | O1, O2 und O4                                 |
| 17.05.2012        | 22:30               | 03:30           | Gruppe M2, Rainer   | N2 (IC 4756 und NGC 6633)                     |
| 16.05.2012        | 21:10               | 02:30           | Gruppe M1, Fabian   | N2 (NGC 188 und NGC 7789)                     |
| 15.05.2012        | 21:15               | 00:30           | Gruppe B3, Rainer   | O1, O2 und O4                                 |
| 04.05.2012        | 21:00               | 01:40           | Gruppe B2, Rainer   | O1 und O3                                     |

## April

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>             | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                     |
|-------------------|---------------------|-----------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30.04.2012        | 20:30               | 01:15           | Gruppe M2, Rainer, Kathleen  | N1 (9 Cam [O9.5], Alkaid [B3], Vega [A0], 23 UMa [F0], 15 Lyn [G5], 91 Her [K1], 34 UMa[M0])                                                                      |
| 30.04.2012        | 15:00               | 16:00           | Rainer, Fabian               | Einbau des neuen Klappensensors (Klappe arbeitet jedoch noch immer nicht zufriedenstellend), Quietschgeräusche bei Torbewegung beseitigt                          |
| 25.04.2012        | 16:10               | 17:40           | Rainer, Andreas, Wolf-Rainer | Problemanalyse mittels Telefonat mit Baader: defekter Klappenöffnungsmechanismus, Lokalisierung der Quietschgeräusche bei Torbewegung (nur teilweise erfolgreich) |
| 23.04.2012        | 21:00               | 23:00           | Kathleen, Rainer             | Testrun                                                                                                                                                           |
| 14.04.2012        | 21:00               | 00:00           | Rainer                       | Beobachtung, Testrun mit dem Okular (Planeten, Deep Sky)                                                                                                          |

## Januar

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?          | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|--------------------|----------------------------------------|
| 31.01.2012 | 17:30        | 22:50    | Gruppe M2, Fabian  | N2 (M35, M38)                          |
| 26.01.2012 | 17:30        | 22:00    | Gruppe B1, Andreas | C3/5, C6, O2                           |
| 25.01.2012 | 18:30        | 22:30    | Gruppe M1, Andreas | N2 (M37, NGC7789)                      |

## 2011

### November

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                 | Was wurde gemacht?/What has been done?                                                              |
|------------|--------------|----------|---------------------------|-----------------------------------------------------------------------------------------------------|
| 29.11.2011 | 18:00        | 20:30    | Gruppe M2, Andreas        | N1 (Vega [A0], Markab [B9], Capella [G8], Aldebaran [K5], Polaris [F7], 10 Lac [O9], Mirach [M0])   |
| 21.11.2011 | 18:00        | 22:00    | Gruppe M1, Rainer         | N1 (Beta Cas [F], Gamma Peg [B], Alpha Cam [O], Capella [G], Kochab [K], Vega [A], Epsilon Dra [G]) |
| 08.11.2011 | 21:10        | 00:10    | Gruppe B5, Andreas        | C3/5, C6, O2                                                                                        |
| 08.11.2011 | 18:00        | 21:10    | Gruppe B4, Andreas        | C3/5, C6, (C4)                                                                                      |
| 07.11.2011 | 21:00        | 01:30    | Gruppe B3, Rainer         | C3/5, C6                                                                                            |
| 07.11.2011 | 18:30        | 21:00    | Gruppe B4, Rainer         | O1, O2 und O4                                                                                       |
| 05.11.2011 | 18:15        | 22:00    | FSR & Besucher, Rainer    | Hörspiel (Die Physiker) und kurze Beobachtung mit dem Okular                                        |
| 02.11.2011 | 21:10        | 22:30    | Gruppe B4, Nadine         | O1, wegen schlechten Wetters abgebrochen                                                            |
| 02.11.2011 | 18:00        | 21:10    | Gruppe B2, Rainer, Nadine | C3/5, C6                                                                                            |
| 01.11.2011 | 22:30        | 01:20    | Gruppe B3, Andreas        | O1, O2 und O4                                                                                       |
| 01.11.2011 | 19:30        | 22:20    | Gruppe B2, Andreas        | O1, O2 und O4                                                                                       |

### Oktober

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?         | Was wurde gemacht?/What has been done?     |
|------------|--------------|----------|-------------------|--------------------------------------------|
| 20.10.2011 | 22:30        | 00:30    | Gruppe B5, Martin | O1 und O4                                  |
| 20.10.2011 | 19:30        | 22:30    | Gruppe B1, Martin | O1 und O4                                  |
| 19.10.2011 | 10:40        | 11:15    | Rainer, Martin    | Beobachtung, Testrun mit dem Okular (Mond) |
| 13.10.2011 | 23:00        | 01:30    | Rainer            | Beobachtung mit dem Okular (Mond, Jupiter) |

### September

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who? | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|-----------|----------------------------------------|
|------------|--------------|----------|-----------|----------------------------------------|

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                         | <b>Was wurde gemacht?/What has been done?</b>                    |
|-------------------|---------------------|-----------------|------------------------------------------|------------------------------------------------------------------|
| 05.09.2011        | 23:00               | 04:00           | Nadine, Fabian, Andreas, Martin1, Rainer | Aufnahmeversuch von SN2011fe (erfolglos), Testspektrum von Mizar |

## Juli

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>  | <b>Was wurde gemacht?/What has been done?</b>                                                                             |
|-------------------|---------------------|-----------------|-------------------|---------------------------------------------------------------------------------------------------------------------------|
| 08.07.2011        | 22:20               | 01:00           | Gruppe 5, Andreas | Versuch N 1 (Mond, Pherkad [A3], Caph [F2], Eta Dra [G8], Unukalhai [K2], Granatstern [M2], 10 Lac [O9], WR 133 [WN5+O9]) |
| 05.07.2011        | 23:00               | 02:00           | Gruppe 4, Nadine  | Versuch N 1 (Programm folgt...)                                                                                           |

## Juni

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                    | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                                       |
|-------------------|---------------------|-----------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29.06.2011        | 23:00               | 02:20           | Gruppe 2, Nadine                    | Versuch N 1 (Alfirk [B], Arkturus [K], Beta Peg [M], Polaris [F], Vindemiatrix [G], Vega [A], Zeta Oph[O])                                                                          |
| 28.06.2011        | 23:00               | 03:20           | Gruppe 3, Mark(/c?), Fabian, Nadine | Versuch N 1 (Alkaid [B], Altais [G], Giasar [M], Kochab [K], Sadr [F], Vega [A], Zeta Oph[O], HD 193793[ <a href="#">WC7pd+O4-5</a> ] alias <a href="#">WR 140</a> ) Windowsupdates |
| 24.06.2011        | 23:00               | 00:40           | Gruppe 5, Andreas                   | Versuch N 1 (Alfirk[B2], danach Abbruch wegen geschlossener Wolkendecke)                                                                                                            |
| 21.06.2011        | 23:00               | 03:00           | Gruppe 6, Fabian, Nadine            | Versuch N 1 (HIP 54539 [K], HIP 65595 [G], HIP 76519 [M], HIP 84606 [A], HIP 90905 [F], HIP 96052 [B]), Windowsupdates                                                              |

## Mai

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                                                           |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------------------------------------------------------------------------|
| 29.05.2011        | 22:00               | 03:30           | Gruppe 4, Fabian | Beobachtung mit dem Okular (Saturn, M13), Versuch N2 (NGC 7261, NGC 7142)                                               |
| 28.05.2011        | 16:00               | 01:00           | Astro I & II     | Lange Nacht der Wissenschaften: Führungen und Vorträge, Sonnenbeobachtung, Himmelsbeobachtung ab ca. 21:00 Uhr (Saturn) |
| 27.05.2011        | 22:00               | 04:00           | Astro I & II     | Vorbereitung zur langen Nacht der Wissenschaften: Teleskope aufbauen, Alignment, etc                                    |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                                      | <b>Was wurde gemacht?/What has been done?</b>                                                                 |
|-------------------|---------------------|-----------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 20.05.2011        | 10:00               | 11:00           | Sonja, Rainer, Dominik, Diana, Martin, Fabian, Nadine | Einführung                                                                                                    |
| 16.05.2011        | 13:00               | 14:00           | Fabian, Nadine                                        | Filmaufnahmen mit dem AVZ                                                                                     |
| 07.05.2011        | 22:00               | 03:30           | Fabian, Nadine                                        | Aufnahmen mit der ST-8 (M63, M106, M13)                                                                       |
| 05.05.2011        | 22:00               | 04:45           | Gruppe 2, Gruppe 3, Nadine                            | Beobachtung mit dem Okular (Mond, Saturn, M13, M51), Versuch N2 (NGC 188, NGC 7762, M52)                      |
| 01.05.2011        | 22:00               | 02:30           | Gruppe 6, Nadine                                      | Beobachtung mit dem Okular, Versuch N2 (NGC 7790, NGC 6866 (vorzeitige Beendigung der Aufnahme wegen Wolken)) |

## April

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                      |
|-------------------|---------------------|-----------------|------------------|--------------------------------------------------------------------|
| 30.04.2011        | 22:00               | 02:00           | Gruppe 5, Nadine | Beobachtung mit dem Okular, Versuch N2 (NGC 7261, NGC 7510)        |
| 29.04.2011        | 22:00               | 00:40           | Gruppe 3, Nadine | Beobachtung mit dem Okular, Versuch N2 (ohne Erfolg, weil bewölkt) |
| 24.04.2011        | 23:00               | 03:00           | Gruppe 1, Nadine | Beobachtung mit dem Okular, Versuch N2 (NGC 7142, NGC 6939)        |
| 21.04.2011        | 23:00               | 04:00           | Nadine, Fabian   | Fehlersuche (Alignment), Neues Alignment mit ST-8                  |
| 14.04.2011        | 11:30               | 13:30           | Nadine, Fabian   | Diverse Führungen zum Zukunftstag                                  |

## März

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>               | <b>Was wurde gemacht?/What has been done?</b>                                          |
|-------------------|---------------------|-----------------|--------------------------------|----------------------------------------------------------------------------------------|
| 23.03.2011        | 19:00               | 22:00           | Herr Neumann, Nadine, Fabian   | Astrofotografie mit einer EOS 500D                                                     |
| 05.03.2011        | 18:30               | 21:00           | Nadine, Diana, Andreas, Fabian | Beobachtung mit dem Okular (M 42) und Astrofotografie mit einer EOS 450D (M 42 und M1) |
| 02.03.2011        | 19:00               | 21:00           | Herr Neumann, Nadine, Fabian   | Astrofotografie mit einer EOS 500D (M 42)                                              |

## Februar

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>              | <b>Was wurde gemacht?/What has been done?</b>             |
|-------------------|---------------------|-----------------|-------------------------------|-----------------------------------------------------------|
| 08.02.2011        | 18:00               | 21:00           | Nadine, Maxi, Andreas, Fabian | Beobachtung mit dem Okular und Aufnahme von Sternspektren |
| 07.02.2011        | 18:00               | 22:00           | Nadine, Maxi, Fabian          | Beobachtung mit der ST-8 (M 82)                           |

## Januar

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?               | Was wurde gemacht?/What has been done?          |
|------------|--------------|----------|-------------------------|-------------------------------------------------|
| 28.01.2011 | 19:00        | 01:00    | Nadine, Andreas, Fabian | Beobachtung mit der ST-8 (NGC 891 in IRGB)      |
| 17.01.2011 | 20:00        | 02:00    | Nadine, Fabian          | Beobachtung mit der ST-8 (NGC 891 und NGC 2841) |

## 2010

### Juli

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?           | Was wurde gemacht?/What has been done?                 |
|------------|--------------|----------|---------------------|--------------------------------------------------------|
| 09.07.2010 | 22:30        | 01:00    | Diana, Ronny, Mario | Praktikum N1 - Sternspektren (selbes Sample wie 17.6.) |

### Juni

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?             | Was wurde gemacht?/What has been done?                                                                    |
|------------|--------------|----------|-----------------------|-----------------------------------------------------------------------------------------------------------|
| 17.06.2010 | 22:40        | 01:30    | Andreas, Ronny, Mario | Praktikum N1 - Sternspektren (Alcaid, Caph, Eta Dra, Unukalhai, Vega, Yed Posterior, Yed Prior, Zeta Oph) |
| 05.06.2010 | 15:00        | 01:00    | Astro I & II          | Lange Nacht der Wissenschaften: Führungen, Beobachtungen ab ca. 19:30 Uhr (Venus, Saturn, M13)            |
| 03.06.2010 | 23:00        | 04:xx    | Nadine                | Beobachtung mit der ST-8                                                                                  |
| 03.06.2010 | 18:00        | 19:xx    | Helge & ?             | Test der Teleskopeinstellungen                                                                            |
| 03.06.2010 | 15:00        | 16:30    | Astro I & II          | Vortragsbesprechung für die INdW                                                                          |

### Mai

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                    | Was wurde gemacht?/What has been done?                                                                      |
|------------|--------------|----------|------------------------------|-------------------------------------------------------------------------------------------------------------|
| 28.05.2010 | 21:00        | 22:30    | Fabian, Nadine & Gäste       | Teleskopvorführung & Beobachtung mit dem Okular im Rahmen der <a href="#">Studieren in Fernost</a> Kampagne |
| 25.05.2010 | 21:00        | 01:00    | Ronny, Mario, Fabian, Nadine | Praktikumsversuch N2 (NGC 188) und Beobachtung mit der ST-8 (Mond und M13)                                  |
| 24.05.2010 | 22:30        | 03:30    | Nadine                       | Beobachtung mit der ST-8 ( <a href="#">NGC 6939</a> )                                                       |

### April

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who? | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|-----------|----------------------------------------|
|------------|--------------|----------|-----------|----------------------------------------|

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>            | <b>Was wurde gemacht?/What has been done?</b>                                                                              |
|-------------------|---------------------|-----------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 07.04.2010        | 22:30               | hh:mm           | Nadine, Helge + Gast        | Beobachtung mit dem Okular                                                                                                 |
| 05.04.2010        | 20:00               | 21:30           | Nadine, Fabian, Nina + Gast | Beobachtung mit dem Okular (Mars, Saturn, Venus, Merkur) und mit der ST8 (M51 und ein offener Sternhaufen zum Fokussieren) |

## März

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>      |
|-------------------|---------------------|-----------------|------------------|----------------------------------------------------|
| 25.03.2010        | 18:45               | 20:10           | Andreas, Helge   | Praktikum: Aufnahme von Sternspektren mit Gruppe A |

## Februar

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| -                 | -                   | -               | -                | Wegen schlechten Wetters leider nichts 😞      |

## Januar

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>               | <b>Was wurde gemacht?/What has been done?</b>                            |
|-------------------|---------------------|-----------------|--------------------------------|--------------------------------------------------------------------------|
| 26.01.2010        | 17:30               | 21:00           | Andreas, Nadine, Fabian, Diana | Alignment, Praktikum: Aufnahme von Sternspektren mit den Gruppen B und C |
| 25.01.2010        | 15:00               | 16:00           | Nadine, Fabian                 | Verschieben des Tubus (Ausbalancieren mit der ST8)                       |

# 2009

## Dezember

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>        | <b>Was wurde gemacht?/What has been done?</b>                 |
|-------------------|---------------------|-----------------|-------------------------|---------------------------------------------------------------|
| 07.12.2009        | 19:00               | 21:00           | Andreas, Fabian, Nadine | Überprüfung des Gegengewichtes, Ausbalanzierungsversuche, ... |

## November

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| -                 | -                   | -               | -                | Wegen schlechten Wetters leider nichts 😞      |

## Oktober

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>                                        |
|-------------------|---------------------|-----------------|------------------|--------------------------------------------------------------------------------------|
| 30.10.2009        | 22:30               | 02:00           | Nadine           | Untersuchung des Nachführfehlers mit ST-8, Filterrad wackelt → Schrauben überprüfen! |

## September

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>        | <b>Was wurde gemacht?/What has been done?</b>              |
|-------------------|---------------------|-----------------|-------------------------|------------------------------------------------------------|
| 19.09.2009        | 23:30               | 04:30           | Andreas, Fabian, Nadine | Einbau Filterrad, Aufnahme mit der ST-8 von NGC 6946 (RGB) |
| 16.09.2009        | 12:00               | 13:00           | Nadine, WRH             | Führung, Planeten und Mond bei Tag                         |

## August

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>             | <b>Was wurde gemacht?/What has been done?</b>                                      |
|-------------------|---------------------|-----------------|------------------------------|------------------------------------------------------------------------------------|
| 31.08.2009        | 23:30               | 04:30           | Nadine, Fabian               | Beobachtung mit der ST8 (NGC 7331), Neuinstallation der Webcam, Windowsupdates     |
| 29.08.2009        | 21:30               | 03:00           | Nadine, Fabian               | Beobachtung mit Webcam (Jupiter) und EOS 450D (Jupiter, Mond)                      |
| 24.08.2009        | 22:30               | 04:00           | Nadine, Fabian               | Beobachtung mit der ST-8 (NGC 63, <a href="#">NGC 6951</a> )                       |
| 23.08.2009        | 22:30               | 04:30           | Nadine, Fabian               | Beobachtung mit der ST-8 ( <a href="#">NGC 7752</a> )                              |
| 22.08.2009        | 22:00               | 02:30           | Nadine, Fabian               | Beobachtung mit der ST-8 (NGC 3718, HIP 7283)                                      |
| 20.08.2009        | 23:00               | 03:30           | Nadine, Fabian               | Beobachtung mit der ST-8 (M81, Polaris)                                            |
| 13.08.2009        | 23:00               | 04:00           | Nadine, Fabian               | Beobachtung mit der ST-8 ( <a href="#">NGC 6946</a> ) und EOS 450D (Mond, Jupiter) |
| 05.08.2009        | 00:00               | 03:00           | Nadine, Fabian               | Beobachtung mit der ST-8 ( <a href="#">UGC 1810</a> )                              |
| 05.08.2009        | 21:30               | 00:00           | Nadine, Fabian, Yana, Daniel | Beobachtung mit dem Okular (Mond, <a href="#">Jupiter</a> , M 13, M 31 und M 51)   |
| 03.08.2009        | 23:00               | 03:30           | Nadine, Fabian               | Beobachtung mit der ST-8 (M 31, NGC 1023 und NGC 2655)                             |

## Juli

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>      | <b>Was wurde gemacht?/What has been done?</b>                                                             |
|-------------------|---------------------|-----------------|-----------------------|-----------------------------------------------------------------------------------------------------------|
| 31.07.2009        | 23:00               | 03:00           | Nadine, Fabian        | Beobachtung mit der ST-8 ( <a href="#">NGC 4088</a> )                                                     |
| 19.07.2009        | 22:00               | 03:00           | Nadine                | Beobachtung mit der ST-8 ( <a href="#">NGC 7317-20</a> , <a href="#">UGC 10214</a> )                      |
| 16.07.2009        | 22:00               | 03:30           | Fiona, Fabian, Nadine | Beobachtung mit dem Okular: M13, Jupiter, Mars und mit der CCD: M13, M51, M57, <a href="#">NGC 5544/5</a> |
| 15.07.2009        | 23:30               | 01:00           | Fabian, Nadine        | Untersuchung des Nachführfehlers mit der ST8                                                              |

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                | <b>Was wurde gemacht?/What has been done?</b>                                                   |
|-------------------|---------------------|-----------------|---------------------------------|-------------------------------------------------------------------------------------------------|
| 13.07.2009        | 23:30               | 01:00           | Fabian, Nadine                  | Untersuchung des Nachführfehlers mit der ST8 (M13)                                              |
| 02.07.2009        | 23:30               | 02:00           | Peter (US of A), Fabian, Nadine | Beobachtung mit dem Okular: M13, Saturn, Mond, M51 mit der CCD: NGC6826, M51, M57, M76, M97,... |
| 01.07.2009        | 23:30               | 03:00           | Fabian, Nadine                  | Aufnahme von M85 mit der ST-8, Untersuchung des Nachführungs-Fehlers mit ST-8 und M13           |

## Juni

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>             | <b>Was wurde gemacht?/What has been done?</b>                                                                                                                          |
|-------------------|---------------------|-----------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.06.2009        | 01:20               | 02:00           | Fabian + Gast                | Beobachtung mit dem Okular (M13, M3, Jupiter)                                                                                                                          |
| 24.06.2009        | 23:00               | 02:00           | Anne, Stefanie, Nadine       | Aufnahme von Sternspektren                                                                                                                                             |
| 23.06.2009        | 00:00               | 03:30           | Nadine, Fabian               | Testen der ST8, NGC 5394 und NGC 3718                                                                                                                                  |
| 23.06.2009        | 22:00               | ca. 23:00       | Anne, Stefanie, Nadine       | Kameraprobleme → Saturn mit dem Okular                                                                                                                                 |
| 17.06.2009        | 22:30               | ca. 01:00       | Joana, Carina, Juana, Nadine | Aufnahme von Sternspektren (Polaris, Kochab, Kornephorus)                                                                                                              |
| 13.06.2009        | 17:00               | 01:00           | Diverse                      | Viele Führungen, Beobachtung von Saturn mit dem OST sowie dem kleinem Spiegelteleskop                                                                                  |
| 10.06.2009        | 01:00               | 04:00           | Fabian, Nadine               | Astrofotografie mit ST-8 (M 29)                                                                                                                                        |
| 05.06.2009        | 22:00               | 00:30           | Helge, Nadine                | Beobachtung mit einer Schulklasse aus Berlin (Mond, Saturn, M13, M81)                                                                                                  |
| 02.06.2009        | 22:30               | 01:00           | Fabian, Nadine               | Kuppelbesichtigung mit Studenten der Geoökologie, Beobachtung mit Okular (Mond, Saturn, M13), Aufnahme eines Objektes (M57) mit der CCD-Kamera und Stacking der Bilder |

## Mai/May

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>    | <b>Was wurde gemacht?/What has been done?</b>                                    |
|-------------------|---------------------|-----------------|---------------------|----------------------------------------------------------------------------------|
| 26.05.2009        | 01:00               | 04:00           | Diana + Studenten   | N1                                                                               |
| 25.05.2009        | 21:30               | 00:30           | Andreas + Studenten | N1: Heze (A2 Van), Mu Virginis (A8 IV), Muphrid (G0 IV), Regulus (B8 IVn)        |
| 13.05.2009        | 22:00               | 01:00           | Nadine + Studenten  | N1: Spica (B1 V), Arcturus (K1.5 III), v Vir (M5-6e), Vindemiatrix (G8 III-IIIb) |

## Mai/May

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b>         |
|-------------------|---------------------|-----------------|------------------|-------------------------------------------------------|
| 25.05.2009        | 22:30               | 04:00           | Studenten        | Sternpektren: Heze, Riji al Awway, Muphrid, Regulus + |

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                  | Was wurde gemacht?/What has been done?         |
|------------|--------------|----------|----------------------------|------------------------------------------------|
| 13.05.2009 | --           | --       | Jirka, Robert, Nadine, Ann | Spektren: Spice, Arcturus. nu Vir, Vindematrix |

## April/April

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?      | Was wurde gemacht?/What has been done?                                      |
|------------|--------------|----------|----------------|-----------------------------------------------------------------------------|
| 12.04.2009 | --           | --       | Nadine, Fabian | Ausrichten der Achsen mit Stellschrauben, 10 Star Alignment, Error 00 02 29 |
| 06.04.2009 | --           | --       | Nadine, Fabian | Ausrichten der Achsen mit Stellschrauben, 10 Star Alignment, Error 00 03 29 |

## März/March

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?           | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|---------------------|----------------------------------------|
| 19.03.2009 | 17:30        | 19:45    | WRH, Helge          | Okular, CCD: Venus als Sichel          |
| 03.03.2009 | 17:30        | 19:30    | WRH, Nadine, Fabian | Okular: Mond, Himmel                   |

## Februar/February

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who? | Was wurde gemacht?/What has been done? |
|------------|--------------|----------|-----------|----------------------------------------|
| 08.02.2009 | 19:00        | 21:00    | WRH       | CCD: Venus, Mond                       |

## Januar/January

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                          | Was wurde gemacht?/What has been done?    |
|------------|--------------|----------|------------------------------------|-------------------------------------------|
| 05.01.2009 | 17:30        | 19:30    | Kai, Jens, Monika, Alex, Sebastian | Sternspektren, Lampenspektren, Flatfields |
| 02.01.2009 | 17:30        | 18:00    | WRH                                | Okular: Mond, Venus                       |

# 2008

## Dezember/December

|            |       |       |                                    |                           |
|------------|-------|-------|------------------------------------|---------------------------|
| 19.12.2008 | 13:30 | 15:00 | Nadine, Fabian + diverse Studenten | Lampenspektren, Flatfield |
| 18.12.2008 | 09:30 | 18:00 | Nadine, Fabian + diverse Studenten | Lampenspektren, Flatfield |

## November/November

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?      | Was wurde gemacht?/What has been done?                               |
|------------|--------------|----------|----------------|----------------------------------------------------------------------|
| 12.11.2008 | 21:00        | 22:30    | Monika, Nadine | Okular: Mond, Uranus, Vega, Sucher mit Fadenkreuzokular ausgerichtet |

**September/September**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>        | <b>Was wurde gemacht?/What has been done?</b>                                                     |
|-------------------|---------------------|-----------------|-------------------------|---------------------------------------------------------------------------------------------------|
| 27.09.2008        | 19:00               | 22:00           | Philipp + Schülergruppe | Beobachtungen mit Okular: M2, M13, M5, M15, M3, Jupiter, Uranus, Neptun, Vega Arcturus, Andromeda |
| 24.09.2008        | --                  | --              | ???                     | Beobachtung mit Okular                                                                            |
| 21.09.2008        | --                  | --              | Helge                   | Laptop: NTP Server, NTP Poll Intervall täglich                                                    |
| 12.09.2008        | 17:30               | 19:00           | Helge                   | Darkframes                                                                                        |
| 08.09.2008        | --                  | --              | Nadine, Helge           | Darkframes, Flatfields                                                                            |

**August/August**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>                  | <b>Was wurde gemacht?/What has been done?</b>                                                             |
|-------------------|---------------------|-----------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------|
| 31.08.2008        | 19:00               | --              | Nadine, Helge                     | Alignment viewfinder                                                                                      |
| 30.08.2008        | 21:45               | 03:30           | Thorsten, Helge                   | Logbuchformular erstellt, Kamera Vega, M57 rgb image, DS9 auf Laptop                                      |
| 13.08.2008        | 23:00               | 01:00           | Nadine                            | Neues Alignment mit 10 Sternen & Fadenkreuzkorrektur, Home Save gespeichert, wiederfinden mit Home Search |
| 09.08.2008        | 21:30               | 03:15           | Dorothee, Kathleen, Laura, Nadine | Spektren von O bin M bei Helligkeiten 0-4, Okular: Jupiter + Monde, Andromeda und M13                     |
| 03.08.2008        | 21:15               | --              | Nadine                            | Neues alignment mit 10 Sternen                                                                            |

**Juli/July**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b>        | <b>Was wurde gemacht?/What has been done?</b>                                                                                     |
|-------------------|---------------------|-----------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 29.07.2008        | 21:30               | 23:15           | Nadine                  | Stellarium auf Kuppel Laptop installiert, Alignment schlecht, Kuppel ausrichtung passt nicht, "Motor ERROR", falsche Parkposition |
| 28.07.2008        | 22:00               | 01:00           | ???                     | Alignemnt refined, Error 1deg 50', Neues Aligment mit 4 Sternen, Error 4', Spektrum von P Cygni                                   |
| 27.07.2008        | 22:00               | 01:00           | Dorothee, Laura, Nadine | Alignemnt muss neu gemacht werden                                                                                                 |
| 01.07.2008        | 22:30               | 01:30           | WRH et al.              | Spektrographen Tests                                                                                                              |
| 01.07.2008        | 15:00               | 17:00           | WRH                     | Tag der offenen Tür                                                                                                               |

**Juni/June**

| <b>Datum/Date</b> | <b>Anfang/Start</b> | <b>Ende/End</b> | <b>Wer?/Who?</b> | <b>Was wurde gemacht?/What has been done?</b> |
|-------------------|---------------------|-----------------|------------------|-----------------------------------------------|
| 30.06.2008        | 22:00               | 01:00           | Andreas          | Laptop Wartung in der Kuppel                  |

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                     | Was wurde gemacht?/What has been done?                                                                                                                                                                       |
|------------|--------------|----------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28.06.2008 | 23:00        | 02:00    | Lida, WRH                     | Spektrographen Schlitzbeleuchtung defekt (Kabelbruch) → gelötet, Fadenkreuzbeleuchtung Ducherfernrohr montiert, spektrographen Test, Probleme beim finden schwacher Objekte (Webcam empfindlichkeit 7.5mag)? |
| 24.06.2008 | 22:00        | 01:00    | Diana, Dominik, Peter, WRH    | Alignment verfeinert mit 3 Sternen, Verschiedene Spektren aufgenommen                                                                                                                                        |
| 18.06.2008 | 22:30        | 01:00    | WRH                           | First light mit Spektrograph, Vega & beta Lyr, Störung: Kuppel schließt nicht, Reset button hilft                                                                                                            |
| 18.06.2008 | 17:00        | 19:00    | WRH                           | Spektrographentest mit Praktikumsstudenten                                                                                                                                                                   |
| 17.06.2008 | 17:00        | 19:00    | WRH                           | Spektrographentest mit Praktikumsstudenten                                                                                                                                                                   |
| 10.06.2008 | 22:00        | 00:30    | Dorothee, Nadine, Laura & WRH | Uhrzeit nach Funkuhr, Aligment mit 2 Sternen + Zustatzsertn, Kameratest                                                                                                                                      |
| 07.06.2008 | 23:00        | 02:30    | WRH                           | Kuppelautomatik zufriedenstellend, Pointing refinement mit 4 weiteren Sternen, Verschiedene Aufnahmen mit SBIG Kamera                                                                                        |
| 03.06.2008 | 17:00        | 19:00    | ???                           | Süd-Decoder der Kuppel um 8deg versetzt, weiterhin Probleme mit Kuppel-Azimuth, Test mit weiteren Parametern für Scope Offset und Mount Position                                                             |

## Mai/May

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?                  | Was wurde gemacht?/What has been done?                                                                                                                                              |
|------------|--------------|----------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27.05.2008 | --           | 23:30    | Cora, NAdine, WRH, Philipp |                                                                                                                                                                                     |
| 13.05.2008 | --           | --       | WRH & Ute                  |                                                                                                                                                                                     |
| 09.05.2008 | 21:00        | 02:00    | WRH & Helge & Philipp      | Aligment mit 4 Sternen (Castor, Spice, Polaris, Vega) Fehler in der Polachse 11deg 11' 47", Pos. winkel 233.28deg, Diagnose: Montierung muss um ca 12 deg nach links gedreht werden |

## April/April

| Datum/Date | Anfang/Start | Ende/End | Wer?/Who?      | Was wurde gemacht?/What has been done?           |
|------------|--------------|----------|----------------|--------------------------------------------------|
| 28.04.2008 | --           | --       | Philipp & Cora | Fokus gefunden, Sucher auf Teleskop ausgerichtet |
| ??04.2008  | --           | --       | ???            | First light                                      |

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