

# Organisatorisches - Sommersemester 2023

In diesem Artikel werden alle Absprachen, Ansagen, Vortragstermine, etc. zum astrophysikalischen Praktikum dokumentiert.

## Vortragsplan



For a comprehensive overview of how to prepare talks in a scientific context, see:

1. this [presentation](#)
2. this [checklist](#)

| Date                                          | Talk                                                                                                              |             |            |             |            |             |            |             |            |             | Speaker                |  |  |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------------------|--|--|
| 13.10.                                        | Organization Meeting                                                                                              |             |            |             |            |             |            |             |            |             |                        |  |  |
| 20.10.                                        | How to give a seminar talk. Astro-Quiz                                                                            |             |            |             |            |             |            |             |            |             | Margaritis Chatzis     |  |  |
| 27.10.                                        | Astro-Quiz                                                                                                        |             |            |             |            |             |            |             |            |             |                        |  |  |
| 10.11. (I)                                    | Stars: spectral types, evolutionary tracks, and isochrones on the HRD and CMD                                     |             |            |             |            |             |            |             |            |             | Giorgia Tiozzo         |  |  |
| 17.11. (I)                                    | Spectroscopy - different types of spectrographs and basic principles. OST                                         |             |            |             |            |             |            |             |            |             | Ojasbi Badal           |  |  |
| 17.11. (II)                                   | N2: Description of the observation, data reduction, and data analysis                                             |             |            |             |            |             |            |             |            |             | Florian Meier          |  |  |
| 24.11. (I)                                    | -                                                                                                                 |             |            |             |            |             |            |             |            |             | -                      |  |  |
| 24.11. (II)                                   | -                                                                                                                 |             |            |             |            |             |            |             |            |             | -                      |  |  |
| 01.12. (I)                                    | The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements                                 |             |            |             |            |             |            |             |            |             | Elias Hesse            |  |  |
| 01.12. (II)                                   | The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinurm                          |             |            |             |            |             |            |             |            |             | Madison Liebel         |  |  |
| 08.12. (I)                                    | Principles of optical telescopic observations I. - reflectors, magnification, aberrations. OST                    |             |            |             |            |             |            |             |            |             | Ruchika Rani           |  |  |
| 08.12. (II)                                   | Principles of optical telescopic observations II. - astronomical coordinates, telescope mounts, astroclimate. OST |             |            |             |            |             |            |             |            |             | Prabhu Reshmi          |  |  |
| 08.12. (III)                                  | Types of optical telescopes III. - Newtonian, Cassegrain, Schmidt - advantages and disadvantages. OST             |             |            |             |            |             |            |             |            |             | Tim Baier              |  |  |
| 15.12. (I)                                    | Methods to determine stellar mass                                                                                 |             |            |             |            |             |            |             |            |             | Jaskirat Singh         |  |  |
| 15.12. (II)                                   | Largest optical telescopes: current facilities and near future                                                    |             |            |             |            |             |            |             |            |             | Colton Michael Burross |  |  |
| 19.01. (I)                                    | Photometry - stellar magnitudes, extinction, photometric bands, modern photometry                                 |             |            |             |            |             |            |             |            |             | Darren Hunt            |  |  |
| 19.01. (II)                                   | Radial velocity measurements in application to rotation, binary stars, and exoplanets                             |             |            |             |            |             |            |             |            |             | Tejaswi Varma          |  |  |
| Master Program - Summer Semester 2025 - Talks |                                                                                                                   |             |            |             |            |             |            |             |            |             |                        |  |  |
| Real name                                     | 10.11. (I)                                                                                                        | 10.11. (II) | 17.11. (I) | 17.11. (II) | 24.11. (I) | 24.11. (II) | 01.12. (I) | 01.12. (II) | 08.12. (I) | 08.12. (II) |                        |  |  |

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## Ansprechpartner

If you want to contact us, you can find our email address at ***prakt@astro.physik.uni-potsdam.de***, since it allows to reach all instructors.

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| Prof. Lida Oskanova    | 2.135       | lida        | Organisation, Vorträge, Protokolle              |
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| B.Sc. Jonas Brinkmann  | 2.008       | jbrinkmann  | Teleskopbetreuung, Datenreduktion Hilfestellung |
| Rainer Hainich         | 2.009       | rhainich    | Technischer Support                             |

## Übersicht: Praktikum

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