## **Organizational Matters - Summer Semester** 2024

This article documents all agreements, arrangements, talks, etc. within the scope of the astrophysical laboratory course.

## Talk program

and data analysis Photometry with the OST: description of the observation, data reduction, and data analysis Jan-Marco Kubat and data analysis Jan-Marco Kubat Jan-Marco Kubat Laurent Stütz Laurent Stütz Laurent Stütz Laurent Stütz Laurent Stütz Jan-Marco Kubat Laurent Stütz Jan-Marco Kubat Laurent Stütz Laurent Stütz Jan-Marco Kubat and data analysis Jan-Marco Kubat and data analysis Jan-Marco Kubat Jan-Marco Kubat Laurent Stütz Jan-Marco Kubat Jan-Marco Kubat Jan-Marco Kubat Laurent Stütz Jan-Marco Kubat Jan-Marco Kuba	Date	Talk Speaker								
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10:00-3       magnification, aberrations. OST       arguification, aberrations. OST         16:00-5       Spectroscopy - different types of spectrographs and basic principles. OST       Laurent Stütz         12:3.05       The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinturm       Laurent Stütz         12:3.05       The Sun: solar activity, solar cycle, solar spots, and Zeeman effect       Laurent Stütz         13:3.05       Photometry - stellar magnitudes, extinction, photometric bands, modern photometry       Noel Hofmann         16:0.05       Stars: spectral types and the HRD       Noel Hofmann         16:0.06       Stellar evolution and evolutionary tracks on the HRD and CMD       Noel Hofmann         16:0.06       Stellar evolution and evolutionary tracks on the HRD and CMD       Sebastian         17:0:0:0       Binary stars and radial velocity measurements as a tool to determine stellar masses       Kira Knauff         13:0:0       Eclipsing binaries and other methods to determine stellar masses       Kira Knauff         13:0:0       Exoplanets and the methods of their detection       Sebastian Frischmann         10:0:0       Variable and pulsating stars. Light-curves. Asteroseysmology       The Sun: solar and radial velocity measurements as a tool to determine spots, and radial velocity, solar cycle, solar spots, and basic principles. OST       Spectroscopy of spectrographs and basic principles. OST       The Sun: solar activity			Jan-Marco Kubat							
123.05.       The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinturm       Laurent Stütz         123.05.       The Sun: solar activity, solar cycle, solar spots, and Zeeman effect       Laurent Stütz         13.05.       The Sun: solar activity, solar cycle, solar spots, and Zeeman effect       Stitz         13.05.       Photometry - stellar magnitudes, extinction, photometric bands, modern photometry       Noel Hofmann         13.06.       Stars: spectral types and the HRD       Noel Hofmann         16.06.       Stellar evolution and evolutionary tracks on the HRD and CMD       Noel Hofmann         16.06.       Binary stars and radial velocity measurements as a tool to determine stellar masses       Kira Knauff         13.06.       Solar System Planets and how to observe them with the OST       Sebastian Frischmann         12.06.       Exoplanets and the methods of their detection       Sebastian Frischmann         12.06.       Variable and pulsating stars. Light-curves. Asteroseysmology       The Sun: solar activity, solar cycle, solar gand magnetic field. The solar activity, solar cycle, solar activity, solar c										
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An extensive overview on how to prepare talks in a scientific context can be found here.

## Contacts

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.

Name	Room	Mail	Responsibilities
apl. Prof. Lidia Oskinova	2.135	lida	organization, talks, protocols
M.Sc. Sabela Reyero	2.115	sabela	organization, talks
B.Sc. Fabian Mattig	2.008	fmattig	telescope support, data reduction support
B.Sc. Jonas Brinkmann	2.008	jbrinkmann	telescope support, data reduction support
Rainer Hainich	2.009	rhainich	technical support

## Overview: laboratory course



OST Wiki - https://141.89.178.218/wiki/