

Organizational Matters - Summer Semester 2025

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

[Slides from the introductory seminar](#)

Talk program

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

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

Date	Talk	Speaker
12.10.	Organization Meeting	...
19.10.	Astro quiz	...
26.10.	Astro quiz	...
02.11. (I)	Principles of optical telescopic observations I. - reflectors, magnification, aberrations. OST	
02.11. (II)	Principles of optical telescopic observations II. - astronomical coordinates, telescope mounts, astro climate. OST	
09.11. (I)	Spectroscopy - different types of spectrographs and basic principles. OST	
09.11. (II)	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry. OST	
16.11. (I)	N1: Description of the observation, data reduction, and data analysis	
16.11. (II)	N2: Description of the observation, data reduction, and data analysis	
23.11. (I)	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements	
23.11. (II)	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinurm	
30.11. (I)	Stars: spectral types, evolutionary tracks on the HRD	
30.11. (II)	Star clusters: CMD, isochrones, star cluster ages	

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	Responsibilities
Prof. Lida Oskanova	2.135	Organisation, talk allocation, report evaluation
Doruk Gogus	2.008	Telescope support, data reduction support
Vincent Schneegeß	2.008	Telescope support, data reduction support
Rainer Hainich	2.009	Technical support

[Overview: laboratory course](#)

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