

Organizational matters - winter semester 2021

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

Talk program

An extensive overview on how to prepare talks in a scientific context can be found [here](#).

Date	Talk	Speaker
10.04.	Organization Meeting	
17.04.	Astro-Quiz	...
24.04.	How to give a seminar talk. Astro-Quiz	Margaritis Chatzis
08.05. (I)	Principles of optical telescopic observations I. - reflectors, magnification, aberrations. OST	
08.05. (II)	Principles of optical telescopic observations II. - astronomical coordinates, telescope mounts, astroclimate. OST	
15.05. (I)	Stars: spectral types and the HRD	
15.05. (II)	Spectroscopy - different types of spectrographs and basic principles. OST	
22.05. (I)	Stellar evolution, evolutionary tracks, and isochrones on the HRD and CMD	
22.05. (II)	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry	
05.06. (I)	N2: Description of the observation, data reduction, and data analysis	
05.06. (II)	N1: Description of the observation, data reduction, and data analysis	
12.06. (I)	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinurm	
12.06. (II)	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements	
19.06. (I)	Eclipsing binaries and other methods to determine stellar masses	

Master Program - Summer Semester 2025 - Talks

Real name	08.05. (I)	08.05. (II)	15.05. (I)	15.05. (II)	22.05. (I)	22.05. (II)	05.06. (I)	05.06. (II)	12.06. (I)	12.06. (II)	19.06. (I)
Dennis Heberer								✓			
Epsilon (epsilon)			✓								
Jui Parkhi					✓						
Count:	0	0	1	0	1	0	0	1	0	0	0

The talk slides from the mid-term presentation 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
Prof. Lidia Oskinova	2.135	lida	organization, talks, protocols
M.Sc. Magaritis Chatzis	2.115	chatzis	organization, talks, reports
B.Sc. Oliver Steppohn	0.033	-	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](#)

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