

# Organizational matters - winter semester 2018/2019

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					✓						
<b>Count:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Contacts

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

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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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