

Organisatorisches - Wintersemester 2023

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

Vortragsplan

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

Date	Talk	Speaker												
14.10.	Organization Meeting													
21.10.	Astro-Quiz	...												
28.10.	Astro-Quiz	...												
11.11. (I)	Principles of optical telescopic observations I. - reflectors, magnification, aberrations. OST	Johanna Petters												
11.11. (II)	Principles of optical telescopic observations II. - astronomical coordinates, telescope mounts, astroclimate. OST	Noah MacKay												
18.11.	Stars: spectral types and the HRD	Hema Priya Rajangam												
25.11. (I)	Spectroscopy - different types of spectrographs and basic principles. OST	Olga Hinke												
25.11. (II)	Stellar evolution, evolutionary tracks, and isochrones on the HRD and CMD	Kilian Gohlke												
09.12. (I)	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry	Infant Ronald Reagan Johnson Amalraj												
09.12. (II)	N2: Description of the observation, data reduction, and data analysis	Binnur Sökmen Sevik												
16.12.	Background in OST observations: cosmic rays, thermal background, astrophysical background	Celina Turner												
06.01. (I)	N1: Description of the observation, data reduction, and data analysis	Ahmad Slim												
13.01. (I)	Binary stars and radial velocity measurements as a tool to determine stellar properties	Prince Kumar												
13.01. (II)	Eclipsing binaries and other methods to determine stellar masses	Rohak Paul												
20.01. (I)	Observational challenges I. - solar system objects and how to observe them with the OST	Zoë Zin-Zu Kaffarnik												
20.01. (II)	Observational challenges II. - observational properties of galaxies and how to observe them with OST	Arman Al Jaf												
27.01. (I)	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinturm	Kester Weise												
27.01. (II)	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements	Alexandros Stork												
Master Program - Winter Semester 2024 - Talks														
Real name	04.11	11.11 (I)	11.11 (II)	18.11 (I)	18.11 (II)	25.11	02.12	09.12	16.12	06.01	13.01 (I)	13.01 (II)	20.01 (I)	20.01 (II)
Alexandros Stork										✔				

Alpha (alpha)		✓												
Arman Al Jaf														✓
Dr. Lidia Oskinova (lidia)			✓											
Epsilon (epsilon)													✓	
Hema Priya Rajangam					✓									
Infant Ronald Reagan Johnson Amalraj				✓										
Kester Weise									✓					
Kilian Gohlke							✓							
Prince Kumar											✓			
Rohak Paul												✓		
Zeta (zeta)								✓						
Final result:	0	1	1	1	1	1	0	1	1	1	1	1	1	1

This poll has been closed.

Ansprechpartner

Per E-Mail sind wir unter ***prakt@astro.physik.uni-potsdam.de*** zu erreichen.

Name	Raum	Mail	Aufgaben
Prof. Lida Oskinova	2.135	lida	Organisation, Vorträge, Protokolle
M.Sc. Mariana P. Júlio		mariana.julio	Organisation, Vorträge, Protokolle
M.Sc. Oliver Steppohn	0.033	-	Teleskopbetreuung, Datenreduktion Hilfestellung
M.Sc. Jonas Brinkmann	2.008	jbrinkmann	Teleskopbetreuung, Datenreduktion Hilfestellung
Rainer Hainich	2.009	rhainich	Technischer Support

[Übersicht: Praktikum](#)

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