

Vortragsplan Bachelor

Datum/Date	Vortrag/Talk	Vortragender/Speaker
	To be determined	

Vortragsplan master

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	...
04.11.	Principles of optical telescopic observations I. - reflectors, magnification, aberrations. OST	...
11.11. (I)	Principles of optical telescopic observations II. - astronomical coordinates, telescope mounts, astroclimate. OST	...
11.11. (II)	Spectroscopy - different types of spectrographs and basic principles. OST	...
18.11. (I)	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry	...
18.11. (II)	Stars: spectral types and the HRD	...
25.11.	Stellar evolution and evolutionary tracks on the HRD and CMD	...
02.12.	N1: Description of the observation, data reduction, and data analysis	...
09.12.	N2: Description of the observation, data reduction, and data analysis	...
16.12.	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinturm	...
06.01.	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements	...
13.01. (I)	Binary stars and radial velocity measurements as a tool to determine stellar properties	...
13.01. (II)	Eclipsing binaries and other methods to determine stellar masses	...
20.01. (I)	Observational challenges I. - solar system objects and how to observe them with the OST	...
20.01. (II)	Observational challenges II. - observational properties of galaxies and how to observe them with OST	...

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 (I)										✔				
Alpha (alpha)		✔												
Arman Al Jaf (I)														✔
Dr. Lidia Oskinova (lidia)			✔											
Epsilon (epsilon)													✔	

