

Vortragsplan Bachelor

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

Vortragsplan master



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

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

Date	Talk	Speaker										
13.10.	Organization Meeting											
20.10.	How to give a seminar talk. Astro-Quiz	Margaritis Chatzis										
27.10.	Astro-Quiz											
10.11. (I)	Stars: spectral types, evolutionary tracks, and isochrones on the HRD and CMD	Giorgia Tiozzo										
17.11. (I)	Spectroscopy - different types of spectrographs and basic principles. OST	Ojasbi Badal										
17.11. (II)	N2: Description of the observation, data reduction, and data analysis	Florian Meier										
24.11. (I)	-	-										
24.11. (II)	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements	Elias Hesse										
01.12. (I)	Radial velocity measurements in application to rotation, binary stars, and exoplanets	Tejaswi Varma										
01.12. (II)	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry	Darren Hunt										
24.11. (I)	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinurm	Madison Liebel										
08.12. (I)	Principles of optical telescopic observations I. - reflectors, magnification, aberrations. OST	Ruchika Rani										
08.12. (II)	Principles of optical telescopic observations II. - astronomical coordinates, telescope mounts, astroclimate. OST	Prabhu Reshmi										
08.12. (III)	Types of optical telescopes III. - Newtonian, Cassegrain, Schmidt - advantages and disadvantages. OST	Tim Baier										
15.12. (I)	Methods to determine stellar mass	Jaskirat Singh										
15.12. (II)	Largest optical telescopes: current facilities and near future	Colton Michael Burross										
Master Program - Summer Semester 2025 - Talks												
Real name	10.11. (I)	10.11. (II)	17.11. (I)	17.11. (II)	24.11. (I)	24.11. (II)	01.12. (I)	01.12. (II)	08.12. (I)	08.12. (II)	15.12. (I)	15.12. (II)
Colton Michael Burross (I)												✔

