

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		
10.11. (II)	Spectroscopy - different types of spectrographs and basic principles. OST										Ojasbi Badal		
17.11. (I)	N1: Description of the observation, data reduction, and data analysis												
17.11. (II)	N2: Description of the observation, data reduction, and data analysis										Florian Meier		
24.11. (I)	The Sun: structure, dynamo, and magnetic field. The solar observatory at the Einsteinurm										Madison Liebel		
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		
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)													

Darren Hunt (rhainich)								✔					
Delta (delta)											✔		
Elias Hesse (rhainich)						✔							
Giorgia Tiozzo (rhainich)	✔												
Madison Liebel (rhainich)					✔								
Ojasbi Badal (rhainich)		✔											
Ruchika Rani (rhainich)										✔			
Tejaswi Varma (rhainich)							✔						
Tim Baier ()									✔				
Count: 110011111111													

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