

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	
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	
15.12. (I)	Methods to determine stellar mass	
15.12. (II)	Largest optical telescopes: current facilities and near future	

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: 1 1 0 0 1 1 1 1 1 1 1 1 1													

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