

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)	-												-
01.12. (I)	The Sun: solar activity, solar cycle, solar spots, and Zeeman effect measurements												Elias Hesse
01.12. (II)	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
19.01. (I)	Photometry - stellar magnitudes, extinction, photometric bands, modern photometry												Darren Hunt
19.01. (II)	Radial velocity measurements in application to rotation, binary stars, and exoplanets												Tejaswi Varma
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)	

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