

Solar System Science S³ Seminar 2020/2021

Wednesday 11 November 2020

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Amanda Romero Avila Correlation method for depth estimates in the solar photosphere
- 14:30h – 15:00h Paula Wulff Numerical modelling of zonal winds in gas planets

Wednesday 02 December 2020

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Christian Baumgartner Joy's law and measuring the magnetic twist in solar active regions
- 14:30h – 15:00h Yuto Bekki Numerical studies on Rossby waves in the Sun

Wednesday 09 December 2020

- 14:00h – 14:30h Nils Gottschling Evolution of inflows around emerging active regions from observations and their impact on flux transport
- 14:30h – 15:00h Janosch Preuß Learned infinite elements
- 15:00h – 15:30h Simon Cloutier Helioseismically constrained dynamo models of the Sun

Wednesday 16 December 2020

- 14:00h – 14:30h Bernhard Hofer Modelling the evolution of solar ephemeral regions
- 14:30h – 15:00h Xin Yao Formation of electron velocity distribution functions allowing radioastronomical diagnostics of magnetic reconnection

Wednesday 13 January 2021

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Ameya Prabhu Magnetic helicity measurements and the solar dynamo
- 14:30h – 15:30h Cosima Breu A coronal loop in a box: Energy generation, dynamics and heating

Wednesday 20 January 2021

- 14:00h – 14:30h Philipp Löschl Fast synoptic maps with PHI and HMI

Wednesday 27 January 2021

- 14:00h – 14:30h Erik Johnson Measuring chromospheric activity lines in molecule-rich M dwarf atmospheres
- 14:30h – 15:00h Björn Müller Iterative Helioseismic Holography

Wednesday 03 February 2021

- 14:00h – 14:30h Rakshit Joshi Joint inversion of receiver functions and apparent velocities to determine the crustal structure of Mars

Wednesday 10 February 2021

- 13:15h – 13:45h **Student meeting**