

Solar System Science **S³** Seminar 2019

Wednesday 17 April 2019

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Birko Ruzicka A Fourier-based analysis of lineament structures on comet 67P
- 14:30h – 15:00h Robin Thor Measuring Ganymede's librations

Wednesday 24 April 2019

- 14:00h – 14:30h Philipp Löschl Science Preparation for SO/PHI

Wednesday 22 May 2019

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Sebastian Castellanos Duran How close are we from observing one Tesla in the Sun?

Wednesday 29 May 2019

- 14:00h – 14:30h Valentin Bickel AI-driven Mapping and Analysis of lunar Rockfalls
- 14:30h – 15:00h Mariangela Viviani Cyclic dynamos near the differential rotation transition

Wednesday 12 June 2019

- 14:00h – 14:30h Meike Fischer New high-precision triple oxygen isotope measurements of lunar rocks
- 14:30h – 15:00h Felix Mackebrandt Signals in the O-C-diagrams of two rapid pulsating subdwarfs

Wednesday 19 June 2019

- 14:00h – 14:30h Juxhin Zhuleku Relating X-ray emission to active region magnetic flux in 3D MHD models
- 14:30h – 15:00h Erik Johnson Second Order Indexes - Comparing Spectra with Non-Ideal Continua

Wednesday 26 June 2019

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Mayukh Panja Radiative MHD Simulations of Starspots

Wednesday 03 July 2019

- 14:00h – 14:30h Paul-Louis Poulter Flows around active regions and travel-time measurements
- 14:30h – 15:00h Marius Pfeiffer Dust Particle Tracking in the Coma of Comet 67P

Wednesday 10 July 2019

- 14:00h – 14:30h Nils Gottschling Evolution of surface flows associated with emerging active regions
- 14:30h – 15:00h Christian Baumgartner Dynamics of emerging active regions: Joy's Law

Wednesday 17 July 2019

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Kamal Sant CMOS Camera Calibration
- 14:30h – 15:00h Sudharshan Saranathan Atmospheric stratification in an active region Plage