

Solar System Science **S³** Seminar 2021/22

Wednesday 27 October 2021

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Christian Baumgartner Sensitivity of magnetic twist measurements in sunspots to spatially correlated fluctuations
- 14:30h – 15:00h Yuto Bekki Baroclinic instability in the Sun: origin of the high-latitude inertial modes

Wednesday 03 November 2021

- 14:00h – 14:30h Paula Wulff Impact of a Stably Stratified Layer on Zonal Flows in Giant Planets
- 14:30h – 15:00h Amanda Romero Avila Solar surface height measurements using stereoscopic observations
- 15:00h – 15:30h Jamie Gorman Spectroscopic Observation of a Transition Region Network Jet

Wednesday 17 November 2021

- 14:00h – 14:30h Jorge Pablo Lemos Dust distribution and dynamics in the coma of 67P/Churyumov-Gerasimenko

Wednesday 24 November 2021

- 14:00h – 14:30h Philipp Loschl Update on the multi-view magnetic synoptic maps with SO/PHI & SDO/HMI
- 14:30h – 15:00h Simon Cloutier The role of turbulent pumping and toroidal flux loss on the solar dynamo

Wednesday 15 December 2021

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Bernhard Hofer Modeling the evolution of ephemeral regions in surface flux transport simulations

Wednesday 12 Januar 2022

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Nolke Jonathan Mini coronal holes

Wednesday 02 February 2022

- 4:00h – 14:30h Bjorn Mller Iterative Helioseismic Holography

Wednesday 09 February 2022

- 13:15h – 13:45h **Student meeting**
- 14:00h – 14:30h Rajees Uthayasegaram The Acceleration Process of Solar Spicules
- 14:30h – 15:00h Isabela de Oliveira Martins Solar magnetograms as a proxy for irradiance at Mars