

# Solar System Science S<sup>3</sup> Seminar 2023

## Wednesday 12 April 2023

13:15h – 13:45h **Student meeting**  
14:00h – 14:30h Tools Talks

## Wednesday 19 April 2023

14:00h – 14:30h Prithwitosh Dey Modeling the solar convection zone with Inertial modes  
14:30h – 15:00h Workers Council Talk

## Wednesday 26 April 2023

14:00h – 14:30h Sanghita Chandra Chromospheric Signatures of Solar Photospheric Flux Emergence  
14:30h – 15:00h Ilse de Langen The magnetic fields at Jupiter's moons Europa and Ganymede  
15:00h – 15:30h Yash Mandowara Characterization of solar inertial modes through observations

## Wednesday 03 May 2023

14:00h – 14:30h Nikolina Milanović Decoding quiet-Sun coronal brightenings observed with Solar Orbiter  
14:30h – 15:00h Deepa Muraliedhara Reconfigurable Wavelet Based Real Time Imaging System for Low Bit Rate Telemetry Space Missions

## Wednesday 10 May 2023

13:15h – 13:45h **Student meeting**  
14:00h – 14:30h Neelanchal Joshi Measuring solar surface flows using granulation and magnetic feature tracking

## Wednesday 17 May 2023

14:00h – 14:30h Jonas Sinjan Comparison of magnetic fields between SO/PHI-HRT and SDO/HMI  
14:30h – 15:00h Patrick Ondratschek Spectral line formation in 1D and 3D in a MURaM chromosphere

## Wednesday 31 May 2023

14:00h – 14:30h Lisa-Marie Zeßner Simulating solar prominences  
14:30h – 15:00h Yifeng Fu Radius Ratio Dependence of Turbulent Rayleigh–Bénard Convection in Spherical Shells

## Wednesday 28 June 2023

13:15h – 13:45h **Student meeting**  
14:00h – 14:30h Retreat Planning

## Wednesday 05 July 2023

14:00h – 14:30h Ziwen Huang EUV observation of small-scale dynamics in plumes and interplumes

## Wednesday 12 July 2023

13:15h – 13:45h **Student meeting**  
14:00h – 14:30h Maria Mastropietro Activity of the Main-Belt Comet 324P/La Sagra  
14:30h – 15:00h Dušan Vukadinović Atomic line parameters inference from inversions of spectropolarimetric observations