

Solar System Science S^3 Seminar 2015/16

Wednesday 28 October 2015

13:15h – 13:45h
14:00h – 14:30h

Student meeting

Gesa Becker

Single-station seismic noise analysis in preparation of the InSight SEIS installation on Mars

Wednesday 02 December 2015

13:15h – 13:45h
14:00h – 14:30h
14:30h – 15:00h

Student meeting

Ankit Barik
Suzana S.A. Silva

Spherical Couette Dynamoes
Non local heat flux in solar flares

Wednesday 09 December 2015

14:00h – 14:30h
14:30h – 15:00h

Helge Mißbach

Kinga Albert

Formation and characterization of abiogenic vs. biogenic organic material
In-orbit calibration of the SO/PHI instrument

Wednesday 16 December 2015

14:00h – 14:30h
14:30h – 15:00h

Chi Ju Wu

Martin Bo Nielsen

Reconstruction of solar total and spectral irradiance on time scales of centuries to millennia
Constraining differential rotation in Sun-like stars

Wednesday 13 January 2016

13:15h – 13:45h
14:00h – 14:30h
14:30h – 15:00h

Student meeting

Fabien Widmer
Philipp Grete

Sub-grid approach of magnetic reconnection
Nonlinear subgrid-scale closures in magnetohydrodynamic turbulence from the sub-sonic to the highly supersonic regime

Wednesday 20 January 2016

14:00h – 14:30h
14:30h – 15:00h
15:10h – 15:40h

Atefeh Barekat

Earl Bellinger
Kai Rodenbeck

Time variation of the logarithmic radial gradient of the near-surface shear layer of the Sun
Forward and Inverse Problems in Asteroseismology
Error budget for exoplanet parameters from Asteroseismology

Wednesday 27 January 2016

14:00h – 14:30h
14:30h – 15:00h

Anna Kotova
David Martin Belda

Galactic Cosmic Rays tracing in the magnetosphere of Saturn
Surface flux transport simulations: Inflows towards active regions and the modulation of the solar cycle

Wednesday 03 February 2016

14:00h – 14:30h
14:30h – 15:00h

Fatima Kahil
Ricardo Gafeira

Studying the small scale magnetic features in the Quiet-Sun
Small scale chromospheric fibrils observed by Sunrise II

Wednesday 10 February 2016

13:15h – 13:45h
14:00h – 14:30h
14:30h – 15:00h

Student meeting

Andrea Bossmann
Francisco Iglesias

Numerical models for magnetic field generation in the ice giants
The Fast Solar Polarimeter prototype