

# Solar System Science $S^3$ Seminar 2013/14

## Every second Wednesday

13:30h – 14:00h Student meeting preceding the S3 seminar, unless otherwise noted

## Wednesday 16 October 2013

14:00h – 14:30h Emanuele Papini Linear simulations of acoustic waves in 3D stars for helio and asteroseismology  
14:40h – 15:10h Martin Bo Nielsen Stellar rotation from starspot variability

## Wednesday 30 October 2013

14:00h – 14:30h Yoann Vernisse Stellar winds and planetary bodies simulation: magnetic dipole in super and sub-Alfvénic regime  
14:40h – 15:10h Sebastian Höfner A Modeling Approach to Surface Roughness on Cometary Nuclei

## Wednesday 13 November 2013

14:00h – 14:30h Björn Löptien Helioseismology with Solar Orbiter  
14:40h – 15:10h Jan Langfellner Probing vortical motions in the Sun with time-distance helioseismology

## Wednesday 20 November 2013

14:00h – 14:40h Leonardo Regoli Titan's interaction with the Saturnian magnetosphere  
15:00h – 16:30h Almut Reiners Stud.IP training workshop

## Wednesday 11 December 2013

14:00h – 14:30h Marc Hofmann Dynamics of Granular Systems in Reduced Gravity  
14:40h – 15:10h Kok Leng Yeo Variation in solar irradiance: 1974 - 2013

## Wednesday 18 December 2013

14:00h – 14:30h Karsten Schindler Instrumentation in Airborne Infrared Astronomy: Conception, Verification and Application  
14:40h – 15:10h Maria Andriopoulou Energetic charged particle kinematics in the Saturnian magnetosphere

## Wednesday 22 January 2014

14:00h – 14:30h Patricio Munoz Sepulveda Kinetic simulations of current sheets: anisotropic heating and guide field effects  
14:40h – 15:10h Rakesh Yadav Scaling laws for compressible spherical shell dynamos

## Wednesday 05 February 2014

14:00h – 14:30h Andrea Boßmann Numerical dynamo models for simulating magnetic field generation in the ice giants  
14:40h – 15:10h Feng Chen Coronal dynamics driven by magnetic flux emergence  
15:20h – 15:50h Francisco Iglesias Design and performance characterization of the Fast Solar Polarimeter