

Solar System Science S³ Seminar 2018

Wednesday 11 April 2018

13:15h – 13:45h
14:00h – 14:30h

Student meeting

Eliana Amazo-Gomez The Sun as a Kepler star

Wednesday 18 April 2018

14:00h – 14:30h
14:30h – 15:00h

Nina Nemeč
Felix Mackebrandt

Solar brightness variations as observed by the Kepler telescope
Detecting substellar companions and false positives using the pulsation timing method

15:00h – 15:30h

Mariangela Viviani

Solar-like stars models at increasing rotation rate

Wednesday 25 April 2018

14:00h – 14:30h

Kinga Albert

Autonomous on-board data processing and instrument calibration software for the SO/PHI

Wednesday 9 May 2018

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

Kamal Sant
Earl Bellinger
Kai Rodenbeck

Non-linearity calibration for CMOS sensors
Inverse problems in Asteroseismology
Detecting Exomoons

Wednesday 16 May 2018

14:30h – 15:00h

Ameya Prabhu

Polar magnetic fields as observed by SUNRISE

Wednesday 23 May 2018

14:00h – 14:30h

Valentin Bickel

Investigation of lunar slope instabilities using Convolutional Neural Networks

14:30h – 15:00h

Mayukh Panja

How cool are Starspots?

Wednesday 30 May 2018

14:00h – 14:30h
14:30h – 15:00h
15:00h – 15:30h

Nils Gottschling
Meike Fischer
Majid Pourabdian

Solar surface flows of Emerging Active Regions
The Blue Planet - Origin of Water on Earth
Optimal averaging for helioseismic measurements using the singular value decomposition

Wednesday 6 June 2018

14:00h – 14:30h

Juxhin Zhuleku

Modeling the Corona of stars more active than the sun using 3D MHD simulations

14:30h – 15:00h

Alessandro Cilla

Photospheric origin of bright dots in Transition Region

15:00h – 15:30h

Zhenyong Huo

Observations of Upward Propagating Waves in the Transition Region and Corona above Sunspots

Wednesday 20 June 2018

14:00h – 14:30h
14:30h – 15:00h

Janosch Preuss
Patrick Bambach

Sweeping preconditioners for computing Solar oscillations
The Jovian Electron and Ion Spectrometer on the Jupiter Icy Moons Explorer - scientific goals, design and calibration

Wednesday 4 July 2018

14:00h – 14:30h
14:30h – 15:00h
15:00h – 15:30h

Birko Ruzicka
Erik Johnson
Renard Ferret

Global Layerings in the Nucleus of Comet 67P
Chromatic Activity Indicators in the CARMENES Survey
Helioseismology of Supergranulation

Wednesday 11 July 2018

13:15h – 13:45h

Student meeting