

# Solar System Science S<sup>3</sup> Seminar 2019/20

## Wednesday 23 October 2019

13:15h – 13:45h **Student meeting**

## Wednesday 30 October 2019

13:15h – 13:45h **Student meeting**

## Wednesday 13 November 2019

|                 |                  |  |
|-----------------|------------------|--|
| 14:00h – 14:30h | Nina Nemeč       | Solar brightness variations in the stellar context                         |
| 14:30h – 15:00h | Tanayveer Bhatia | Small-scale dynamo on the Sun and other stars                              |
| 15:00h – 15:30h | Patrick Bambach  | Calibration of the Jovian Electron and Ion Analyzer for the JUICE mission. |

## Wednesday 20 November 2019

13:15h – 13:45h **Student meeting**

## Wednesday 27 November 2019

|                 |                |   |
|-----------------|----------------|---|
| 14:00h – 14:30h | Janosch Preuss | Preconditioning experiments for computational helioseismology |
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## Wednesday 04 December 2019

|                 |                |  |
|-----------------|----------------|--|
| 14:00h – 14:30h | Xin Yao        | Kinetic Simulation of Radio Emission by Electron Beams   |
| 14:30h – 15:00h | Bernhard Hofer | Modelling the evolution of the magnetic field in solar ephemeral regions and their influence on solar irradiance |

## Wednesday 11 December 2019

|                 |                        |   |
|-----------------|------------------------|---|
| 13:15h – 13:45h | <b>Student meeting</b> |   |
| 14:00h – 14:30h | Eric Johnson           | Activity line asymmetries and flares and their relation on active fast rotating M stars |
| 14:30h – 15:00h | Yuto Bekki             | Numerical study on solar Rossby waves   |

## Wednesday 08 January 2020

|                 |                        |   |
|-----------------|------------------------|---|
| 13:15h – 13:45h | <b>Student meeting</b> |   |
| 14:00h – 14:30h | Cosima Breu            | Straightened Coronal Loop Simulations             |
| 14:30h – 15:00h | Sudharshan Saranathan  | Comparison of a plage region with MHD simulations |

## Wednesday 15 January 2020

|                 |              |  |
|-----------------|--------------|--|
| 14:00h – 14:30h | Ameya Prabhu | Helicity proxies for solar active regions                    |
| 14:30h – 15:00h | Kamal Sant   | Non-Linearity Calibration of Massively Parallel CMOS Sensors |

## Wednesday 05 February 2020

|                 |                        |  |
|-----------------|------------------------|--|
| 13:15h – 13:45h | <b>Student meeting</b> |  |
| 14:00h – 14:30h | Meike Fischer          | Triple oxygen isotope comparison between terrestrial and lunar rocks |
| 14:30h – 15:00h | Kamal Sant             | Properties of Sunspot Penumbrae                                      |