

SRS meeting 2016: 16-17/3 in Umeå

Wednesday 16th March

13:30-13:45 Welcome by Deputy Vice-Chancellor of Umeå University, Marianne Sommarin, and local organizers

13:45-14:35

Atmospheric physics – Kristell Perot

- Donal Murtagh (Chalmers) : 15 years of Odin (preliminary)
- Sheila Kirkwood (IRF Kiruna) : ESRAD radar (preliminary)

14:35-15:25

Astronomy – Alexis Brandeker

- Piero Ranalli (Lund Observatory) : GAIA / Plato
- Kay Justtanont (Chalmers University) : James Webb Space Telescope – a progress report

15:25-15:45 Coffee

15:45-16:35

Astrobiology – Wolf Geppert

- Pantea Fathi (Stockholm University)
- Natushka Lee (Umeå University)

16:35-17:25

Planetary physics – Gabriella Stenberg-Wieser

- David Andrews (IRF Uppsala) : Rotational Phenomena in the Saturnian Magnetosphere
- Yoshifumi Futaana (IRF Kiruna) : Mission completed: Overview of ASPERA-4 on Venus Express

17:25-17:35 SRS business

19:30 Dinner at Rex, Rådhusorget 1

Thursday 17th March

09:00-09:50

Microgravity and life science – Kristine Dannenberg

- Taishi Matsushita (Jönköping University) : Thermophysical properties measurement under microgravity conditions on the International Space Station (ISS)
- Anders Eklund (Umeå University) : The pressure balance between eyes and brain is changed in microgravity

09:50-10:40

Space plasma and space physics – Per-Arne Lindqvist

- Yuri Khotyaintsev (IRF Uppsala) : MMS first results, operations and data
- Lorenz Roth (KTH) : Aurora on Europa: morphology and relation to Jupiter's magnetosphere

10:40-11:00 Coffee

11:00-11:50

Remote sensing and earth observation – Lars Ulander

- Mats Pettersson (Blekinge TH) : TanDEM-X interferometric synthetic-aperture radar for traffic situation awareness
- Henrik Persson (Sverige Lantbruksuniversitet, SLU) : Satellite stereogrammetry using very high resolution optical data for forestry

11:50-13:00 Lunch

13:00-13:30 Presentation of science at Umeå

13:30-15:00 SNSB presentation

Proposed new board members

The following persons have been proposed as new board members effective 2017 –

Astrobiology : Anna Neubeck (Stockholm University)

Micro-gravity & life science : Lars Karlsson (ki.se)

Astronomy : David Hobbs (Lund Obs.)

Space plasma & space physics : Anita Kullen (KTH)

(Atmospheric physics : Linda Megner will continue for the next 3 years)

(Solar system and Earth observations are OK until next year)