

IMAGE 2011 Sodankylä

Time: 13.-14.6.2011

Location: Sodankylä Geophysical Observatory

Address: Tähteläntie 62, 99600 Sodankylä, +358-16-619811

Info: www.sgo.fi/Events/IMAGE2011/

MONDAY 13.6.2011 (lecture room Polaria)

11:15 – 12:00 Lunch

12:30 Welcome: Jyrki Manninen

12:45 IMAGE in Europa

Truls Hansen: Latest news of ESA Space Situational Awareness (SSA) –program

Ari Viljanen: FP7/EurisGIC project in nutshell

13:30 EISCAT news

Esa Turunen: Status report of EISCAT 3D and latest science results from EISCAT

14:00 Status reports of IMAGE stations (Kari, Truls, Tero)

14:30 – 15:00 Coffee

15:00 EISCAT collaboration session

- Antti Kero: Polar D-region ionosphere during the IPY 2007 - 2008
- Timo Pitkänen: Dynamics of the polar cap boundary and the auroral oval in the nightside ionosphere
- Alexey Vlasov and Kirsti Kauristie: FMI-tool for browsing EISCAT data
- Thomas Ulich: KAIRA - Kilpisjärvi Atmospheric Imaging Receiver Array
- Olaf Amm and Heikki Vanhamäki: TomoScand - Mesoscale ionospheric tomography in Scandinavia

18 Dinner and Sauna

TUESDAY 14.6.2011 (lecture room Polaria)

9:30 Business issues

- New web page release
- Financial and manpower situation in each group
- Next meeting: time and place
- IMAGE Newsletter
- Other topics

10:00 Magnetometer science

- Claudia Stolle et al.: Greenland magnetometer array
- Tero Raita: Finnish pulsation magnetometers
- Pavel Czubak: The PLASMON project
- Eija Tanskanen: Substorm number as a terrestrial magnetic weather indicator
- Ari Viljanen: About climatology of auroral geomagnetic variations in 1983-2008

11:30 – 12:15 Lunch

12:15 Tools and techniques

- Heikki Vanhamäki and Olaf Amm: A review of techniques for analyzing mesoscale ionospheric electrodynamics
- Lassi Roininen: Spatial interpolation of geomagnetic data
- Max Van De Kamp: Wavelet analysis for B-field measurements
- Kari Pajunpää: Magnetometers in IMAGE network
- Tiera Laitinen: Determining magnetospheric boundary crossing times from satellite data
- Eija Tanskanen: Substorm Zoo – a browser-based tool for time-series analysis

14:00 Coffee and unofficial discussions about IMAGE review paper, joint proposals, IMAGE newsletter etc.

15:00 End of meeting