

First Scientific advisory board meeting, Sannäs manor, 5-6.6.2014

## Program

### Thursday 5.6.

10:00-10:30 Coffee

10:30-10:45 Welcome and Introduction

- Academy representative Kati Sulonen: [Centres of Excellence in Research \(CoE\)](#)

10:45-11:15

- Oulu representative Sinikka Eskelinen: [Research Environment and Strategy at the University of Oulu](#)
- FMI representative Ari Laaksonen: [FMI's climate research capabilities](#)

11:15-11:45 Kalevi Mursula: [Introduction to ReSoLVE](#)

11:45-12:45 DYNAMO team

- Maarit Mantere: [DYNAMO team presentation](#)
- Petri Käpylä: [Numerical simulations and modeling: the Sun-as-a-star approach](#)
- Nigul Olsper: [Time series analysis methods in vivo et silico](#)

12:45-14:00 Lunch

14:00-15:15 HELIOS team

- Kalevi Mursula: [HELIOS team presentation](#)
- Ilpo Virtanen: [Bashful ballerina: North-south asymmetry in the heliospheric, coronal and photospheric magnetic fields](#)
- Iiro Virtanen: [Rotation of active longitudes](#)
- Lauri Holappa: [Annual fractions of high speed streams from principal component analysis of local geomagnetic activity](#)

15:15-16:00 MAGNETIC team

- Eija Tanskanen: [MAGNETIC team presentation](#)
- Liisa Juusola: [Effect of ring current on preconditioning the magnetosphere for steady magnetospheric convection](#)

16:00-16:45 Discussion

**Friday 6.6.** 09:00-10:00 ENERGETIC team

- Timo Asikainen: [ENERGETIC team presentation](#)
- Ville Maliniemi: [Electron precipitation signatures in the Northern Hemisphere winter climate](#)

10:00-10:30 Coffee

10:30-11:30 COSMIC team

- Ilya Usoskin: [COSMIC team presentation](#)
- Stepan Poluianov: [The Project "Cosmic Rays in the Polar Atmosphere" \(CRIPA\)](#)

11:30-12:30 Discussion

- Academy representative Paula Eerola
- Aalto University representative Greger Linden
- Comments by Anna Belehaki and Lidia van Driel-Gesztelyi

12:30→ Lunch

Time for SAB internal discussions

**Participants:**

**SAB (7 persons)**

PhD, Research Director, Anna Belehaki

Prof. Lidia van Driel-Gesztelyi

Prof. Paula Eerola (AKA)

Science Adviser Kati Sulonen (AKA)

PhD Sinikka Eskelinen (Oulu)

Director of Project Services Hanna Honkamäkilä (Oulu)

Prof. Ari Laaksonen (FMI)

Senior Adviser Greger Lindén (Aalto)

**ReSoLVE (13 persons):**

Prof. Kalevi Mursula (Oulu)

Prof. Ilya Usoskin (Oulu)

PhD Timo Asikainen (Oulu)

MSc Lauri Holappa (Oulu)

MSc Ville Maliniemi (Oulu)

MSc Stepan Poluianov (Oulu)

PhD Ilpo Virtanen (Oulu)

BSc Iiro Virtanen (Oulu)

Doc. Eija Tanskanen (FMI)

PhD. Liisa Juusola (FMI)  
Doc. Maarit Mantere (Aalto)  
MSc Nigul Olsper (Aalto)  
Doc. Petri Käpylä (Aalto/UH)