ReSoLVE Autumn meeting in Espoo 28.-29.10.2015

Venue: Computer Science (T-Building), Otaniementie 4, Otaniemi, Espoo.

Wednesday am
10.00 Foreword
Helios & Cosmic: Room T4
10.10 K. Mursula
Is the ballerina still bashful?: Recent evolution of the hemispheric asymmetry

10.30 I. Virtanen
Reconstructing solar magnetic fields from historical observations: Renormalized Ca K spectroheliograms and pseudo-magnetograms

10.50 J. Koskela
Comparing the PFSS coronal magnetic field prediction with the observed heliospheric magnetic field at 1 AU over several solar cycles

11.10 I. Usoskin
Recalibration of sunspot number series

11.30 E. Asvestari
Reconstruction of cosmogenic radionuclide production and comparison with terrestrial archives since 1610

Lunch: 1595/6 TUAS Restaurant
12.00-13.00

Poster viewing and coffee
13.00-14.00 T-building bridge, 2nd floor

Wednesday pm
Energetic & Magnetic: Room T4
14.00 T. Asikainen
Reconstruction of energetic electron precipitation for 130 years

14.20 A. Hamada
Identifying coronal holes from synoptic maps of SOHO/EIT and SDO/AIA EUV images

14.40 E. Tanskanen
Equinox and solstice dominance in geomagnetic activity

15.00 P. Peitso
Latitudinal variation of geomagnetic activity in solar cycle 24

15.20 Coffee
Dynamo: Room T4
15.30 M. Käpylä
Maunder “minimum” in silico

15.50 A. Grigorevsky
Time series prediction using machine learning techniques

16.10 Matthias Rheinhardt
Exploring the dynamo with the test-field

Dinner and Sauna: Donor’s Lounge 3rd Floor
18.00-01.00 at the Donor’s Lounge
Thursday am

Open session - Room T3

09.00  Emilia Kilpua
On the Space Weather Response of Coronal Mass Ejections and their Sheath Regions

09.20  Ari Laaksonen
CLOUD experiment on galactic cosmic rays and cloud formation

09.40  Thomas Hackman
Observing stellar magnetic activity

10.00  Jaan Pelt
Frequency dependent correlations - simple tool for time series analysis

10.20  Esa Kallio
Space weather simulations

10.40  Discussion
11.00  Coffee
11.20  Minttu Uunila
Long-term solar monitoring at mm-wavelengths

11.40  Juhani Huovelin
Application of big data analysis and knowledge discovery for scientific and non-scientific purposes

12.00  Kirsti Kauristie
A new method for deriving ionospheric currents and conductances from Swarm data

12.20  Markku Oinonen
Projects on Lapland tree-rings

12.40  Discussion

Lunch: T-building bridge, 2nd floor
13.00-14.00

Thursday pm

CS Forum - Odeion TUAS Building

14.15  Prof. Ilya Usoskin
The Maunder minimum (1645-1715) was indeed a grand minimum: a reassessment of multiple datasets

Board meeting: Room A346
15.30-17.00 Board members only