ORAL PROGRAM

Saturday 15.6.

Session 1: Solar dynamo as a Driver of Space Climate

0900-0920	Welcome and practicalities	
0920-1000	Axel Brandenburg	Magnetic field generation on long time scales (Keynote talk)
1000-1030	Dario Passos	ILES global simulation of solar convection and dynamo action
1030-1100	Maarit Mantere	Cyclic magnetic activity due to turbulent convection

Coffee break

1130-1150	Joern Warnecke	Dynamo driven coronal ejections
1150-1210	Caroline Dubé	Dynamo modeling of stellar activity cycles
1210-1230	Sylvaine Turck-Chièze	The activity of the inner Sun
1230-1300	Sacha Brun	The solar-stellar dynamo connection

Lunch

Session 2: Long-term Solar activity

1430-1500	Frédéric Clette	Revisiting the long-term calibration of the international sunspot number
1500-1530	Alexei Pevtsov	Long-term trends in the magnetic fields of sunspots
1530-1550	Nadezhda Zolotova	Modeling of polar magnetic field reversals from sunspot impulses

Coffee break

1615-1645	Rainer Arlt	Extending the solar butterfly diagram into the past
1645-1715	José Vaquero	Applied historical heliophysics: a review
1715-1745	Maria Dasi Espuig	Sunspot group tilt angles and the strength of solar cycles
1745-1815	Questions & discussion on Day 1 topics	

1815-> Ice breaker and poster viewing

Sunday 16.6.

Session 3: Long-term Solar activity, continued

0830-0900	Kiyoto Shibasaki	Long-term global solar activities studied by the Nobeyama radioheliograph
0900-0930	Ilya Usoskin	Occurrence probability of extreme SEP events on different time scales
0930-1000	Juerg Beer	Cosmogenic radionuclides and long-term solar activity
1000-1020	Rita Traversi	A potential new proxy of long-term solar variability: nitrate in Antarctic ice cores

Coffee break

Session 4: TSI/SSI

1050-1120	Gaël Cessateur	An overview of the solar spectral irradiance variability
1120-1150	Cassandra Bolduc	MOCASSIM: A model for spectral solar irradiance
1150-1220	William Ball	Solar Spectral Irradiance intercomparison between a new SATIRE-S model dataset and the NRLSSI model and SORCE/SOLSTICE observations
1220-1240	Irina Kostyuchenko	The total solar irradiance, UV emission and magnetic flux during the last solar cycle minimum
1240-1300	Matthieu Kretzschmar	Energy released by solar flares in the EUV wavelength range

Lunch

Session 5: Special Session on Planetary influences on solar variability

1430-1500	Jose Abreu	Is there a planetary influence on solar activity?
1500-1530	Pavel Hejda	Very long-term solar-terrestrial variability related to the two basic types of the solar inertial motion
1530-1600	Jan-Erik Solheim & Nicola Scafetta	Does the Sun work as a nuclear fusion amplifier of planetary tidal forcing?

Coffee break

1630-1700	Katya Georgieva	Planetary influence on solar activity from the point of view of the flux transport dynamo
1700-1730	Paul Charbonneau	Sensivity of the solar dynamo to external multiperiodic forcing
1730-1800	Special Session Discussion	

Questions & discussion on other Day 2 topics

2000-2100	Esa Turunen	Auroral lights in Finland: History and observations

Monday 17.6.

Session 6: Special Session on Solar extreme events (flares, energetic particles etc) and their effects

0800-0830	Karel Schrijver	Constraining the properties of extreme solar explosive events
0830-0900	Kazunari Shibata	What is the worst we can expect from the Sun?
0900-0930	Fusa Miyake	Rapid events in the carbon-14 content of tree-rings

Coffee break

0950-1020	Seiji Yashiro	Difference in CME rate and other properties between solar cycles 23 and 24
1020-1050	Margaret Shea	Comparison of solar-terrestrial phenomena for the first four years of six solar cycles
1050-1120	Gang Li	What causes a Ground Level Event - a "twin-CME" scenario?
1120-1140	Laure Lefevre	Historical analysis of Sun-Earth connections in the context extreme space weather events

Special Session Discussion

Lunch

Afternoon freetime activities (sign in!)

1900 Conference Dinner at Hotel Radisson Blue (Restaurant Toivo)

Tuesday 18.6.

Session 7: Solar corona, solar wind and HMF

0800-0830	Sami Solanki	Solar spectral irradiance variability
0830-0900	Georgeta Maris Muntean	Long-term variability of the high speed solar wind
0900-0930	Olga Khabarova	The interplanetary magnetic field in the inner heliosphere: what we know from multi-spacecraft observations
0930-0950	Géza Erdős	Magnetic flux density in the heliosphere
0950-1010	Antoine Llebaria & Philippe Lamy	CME rate derived from SOHO/LASCO observations and comparison with sunspot number and other solar proxies
1010-1030	Kristian Snekvik	Alfvénic fluctuations in solar wind streams, and their potential geomagnetic effects

Coffee break

1100-1120	Marius Echim	Solar system plasma intermittency: methods and observations over the solar cycle
1120-1140	Kalevi Mursula	Solar wind stream activity during the Modern Great Maximum

Session 8: Magnetosphere and Ionosphere

1140-1210	Walter Gonzalez	Geomagnetic response to the Long Solar Minimum phase of Solar Cycle 23
1210-1230	Timo Asikainen	Long-term variation of energetic particles and their relation to geomagnetic activity
1230-1300	Ingrid Cnossen	The response of the ionosphere to the changing terrestrial magnetic field

Lunch

Session 9: Solar atmospheric and climate effects

1430-1500	Ana Elias	Solar influence on the long-term change in the ionosphere
1500-1530	Thomas von Clarmann	Solar and geomagnetic effects in the middle and lower atmosphere
1530-1600	Eugene Rozanov	Modeling of the spectral solar irradiance and energetic particle effects on the atmospheric chemistry and climate
1600-1630	Hua Lu	Solar wind effect on planetary wave propagation and synoptic-scale Rossby wave breaking

Coffee break

1700-1730	Alan Aylward	Solar Effects in Upper Atmosphere Circulation
1730-1800	Pekka Verronen	Mesospheric OH response to the impact of radiation belt electrons

Questions&discussion on other Day 4 topics

Wednesday 19.6.

Session 10: Solar atmospheric and climate effects, continued

0830-0900	Mai Mai Lam	The interplanetary magnetic field influences middle-latitude surface atmospheric pressure
0900-0930	Josef Bochnicek	The association between long-lasting high solar/geomagnetic activity and geopotential height changes in the northern winter lower atmosphere
0930-1000	Radan Huth	Effects of variations in solar activity on tropospheric circulation
1000-1030	Maxim Ogurtsov	New evidence of the solar Gleissberg periodicity in summer temperature over Northern Fennoscandia

Coffee break

1100-1130	Nils-Axel Mörner	Solar wind, Earth's rotation and changes in terrestrial climate
1130-1200	Mirela Voiculescu	Possible relationship between space weather and cloud cover and role of various climatic factors
1200-1220	Benjamin Laken	Why don't composite studies agree? An example with cosmic rays and clouds
1220-1300	Alexei Pevtsov	Symposium Summary and Conclusions

Lunch
Departure

POSTER PROGRAM

SOLAR/STELLAR

Tatiana Barlyaeva	Long-term solar activity as seen in the corona from 17 years of SOHO/LASCO observations
Besliu-Ionescu	Linking Various Signatures of the February 15, 2011 Solar Flare
Xinghua Dai	Classification and identification of ambiguity in polarimetric CME reconstruction
Caroline Dubé	Dynamo modeling of stellar activity cycles
Thierry Dudok de Wit	Secular changes in the Sun's open and closed magnetic field, as inferred from the aa index
Ryszarda Getko	A search of the 10-rotation quasi-periodicity in active longitudes
Irina Kostyuchenko	The total solar irradiance, UV emission and magnetic flux during the last solar cycle minimum
Ganghua Lin	A long-term sola activity integrated data set
Christian Muller	Science of the midnight sun from the ISS: a full solar rotation observed by the SOLAR payload
Dário Passos	Intermittency in an extended flux transport dynamo model
Stepan Poluianov	Critical analysis of the hypothesis of planetary tidal influence on solar activity
Farhad Shakeri	The cycle-related solar VUV variability of the quiet Sun
Leif Svalgaard	Reconciliation of the International and Group Sunspot Numbers
José Vaquero	Sunspot number and area from Observatory of Madrid (1876-1986)
José Vaquero	Sunspot observations by D. E. Hadden during 1890-1931
K. L. Yeo	Network and facular contribution to solar irradiance variation
Amel Zaatri	Angular radial gradient inversion using ring diagram analysis of GONG data
Liyun Zhang	Consistent long-term variation in the hemispheric asymmetry of solar rotation

HELIOSPHERIC

Olga Khabarova	The solar wind plasma dynamics in a vicinity of the heliospheric current sheet as observed at different heliocentric distances
Martin Leitner	Statistical analysis of the solar wind quasi-invariant using STEREO and WIND
Alexander Mishev	Quasi real time analysis of GLEs using neutron monitor network data
Costel Munteanu	The effect of wavelet denoising on the propagation time delay of solar wind discontinuities
Mikhail Vokhmyanin	Geomagnetic superstorm of 1859 and sector structure of IMF
Yu Xiao Xia	Cosmic-ray research for space weather monitoring and forecasting
Ilpo Virtanen	Bashful ballerina unveiled: Multipole analysis of the coronal magnetic field

MAGNETOSPHERIC/IONOSPHERIC

Anita Aikio	EISCAT_3D, Next generation IS radar for geospace environment research
Galina Gordiyenko	A long-term trend in the F2-layer critical frequency as observed at Alma-Ata ionosonde station
Miroslaw Kowalinski	Energetic particle activity in separate magnetospheric polar regions as well as the SAA as determined from X-rays detectors in RESIK spectrophotometer aboard Coronas-F.
Daniel Martini	Using recursive algorithm for defining solar regular geomagnetic variations
Oleg Troschichev	Solar UV irradiation and solar wind effects in the polar cap magnetic activity (PC index): Distinctive features of the last cycle of solar activity

ATMOSPHERIC/CLIMATE

Monika Anderson	Precipitating radiation belt electrons and enhancements of mesospheric hydroxyl during 2004-2009
William Ball	Can stratospheric ozone observations tell us anything about solar spectral irradiance?
Tatiana Barlyaeva	Solar, volcanic and geomagnetic forcing on air–surface temperature: Geographical distribution of sensitive climate zones
Gisela Dreschhoff	Solar proton induced chemical reactions in outer space and Earth's atmosphere
Hana Kapolková	Relationships between solar activity and synoptic types over central Europe
Ali Kilcik	Investigation of solar activity effect on surface air temperature of Turkey
Ari-Pekka Leppänen	The cosmogenic 7Be and 22Na as atmospheric tracers in Finland
Hua Lu	Non-linear and non-stationary effects of geomagnetic activity on northern hemispheric teleconnection patterns: Top-down versus bottom up mechanisms?
Ville Maliniemi	QBO dependent relation between electron precipitation and winter time surface temperature
Dagmar Novotna	Phase coherence between solar/geomagnetic activity and climate variability from stratosphere to troposphere and NAO
Stepan Poluianov	Nitrates in an antarctic ice core: influences of cosmic rays and air transport
Lucian Sfîcă	Climatological characteristics of correlations between solar activity and cloud cover
Svetlana Veretenenko & Ogurtsov	Influence of the polar vortex state on the formation of solar activity effects on the troposphere circulation
Pekka Verronen	Solar proton events - Effects on middle atmospheric hydrogen and nitrogen species

LATE POSTERS

Anya Asenovska	High speed solar wind influence on NAO index and surface air temperature