

Czech-Polish-Slovak Consultation on Solar Physics (CoSP)
May 19 - 21, 2011, Ondřejov, Czech Republic

Conference Program (small changes may occur)

THURSDAY, MAY 19

Session 1: 09:00 - 12:00 (Chair: J. Sylwester)

- 09:00 - 09:10 P. Heinzel *Welcome*
- 09:10 - 09:40 P. Heinzel *ESA Science Program and observation of the Sun*
- 09:40 - 10:10 P. Kotrč, F. Fárnik *Solar research in the Astronomical Institute Ondřejov &*
P. Kotrč *Solar optical spectroscopy*
- 10:10 - 10:40 *Coffee break*
- 10:40 - 11:00 P. Heinzel *Radiative transfer modeling of the solar atmosphere:
Techniques and numerical codes available at AIAS Ondřejov*
- 11:00 - 11:20 J. Kašparová *RHD Modelling of Solar Flares*
/M.Varady
- 11:20 - 11:40 S. Gunár *2D multi-thread prominence fine structure models*
- 11:40 - 12:00 P. Schwartz *Systematic and detailed study of behaviour of the 2D
multi-thread prominence model*
- 12:00 - 14:00 *LUNCH*

Session 2: 14:00 - 18:00 (Chair: P. Rudawy)

- 14:00 - 14:30 M. Karlický *Successive merging of plasmoids and fragmentation
in flare current sheet and their X-ray and radio signatures*
- 14:30 - 14:50 H. Mészárosová *Magnetoacoustic wave trains in radio events*
- 14:50 - 15:10 B. Dąbrowski *Solar Research with ALMA*
- 15:10 - 15:30 J. Jurčák *Azimuthal variations of magnetic field strength and inclination
on penumbral boundaries*
- 15:30 - 16:15 *Coffee break*
- 16:15 - 16:35 E. Dziřčáková *The ionization equilibrium and flare spectra for the
electron distributions with a power-law tail*
- 16:35 - 16:55 J. Dudík *Coronal radiative losses for nonthermal distributions*

16:55 - 17:15 Š. Mackovjak *Diagnostics of kappa-distribution in solar corona from EUV spectra*

17:15 - 17:40 M. Bodnárová *Solar research in Tatranska Lomnica and
On dynamics of the G-band bright points in photosphere*

17:40 - 18:00 I. Dorotovič *Solar observations and research activities in the Slovak
Central Observatory in Hurbanovo, Slovakia*

FRIDAY, MAY 20

Session 3: 09:00 - 12:00 (Chair: M. Karlický)

09:00 - 09:15 P. Rudawy *Astronomical Institute of the University of Wrocław - general
information*

09:15 - 09:45 B. Rompolt, P. Rudawy *Solar Instruments, Observations and Results in Wrocław*

09:45 - 10:05 K. Radziszewski *High cadence observations of solar flares*

10:05 - 10:20 A. Berlicki *Spectroscopy of white-light solar flares*

10:20 - 10:45 *Coffee break*

10:45 - 11:05 R. Getko *The mid-term periodicities of sunspot activity fluctuations*

11:05 - 11:25 M. Zapiór *Simultaneous observations of solar prominence
oscillations with two distant telescopes*

11:25 - 11:45 M. Herlender *Modeling of Ellerman Bombs spectra with PANDORA code*

12:00 - 14:00 *LUNCH*

Session 4: 14:00 - 18:00 (Chair: S. Gunár)

14:00 - 14:40 J. Sylwester *Space Research Centre in Wrocław - general information
Characteristic patterns of soft X-ray variability for a very low solar
activity*

14:40 - 15:00 B. Sylwester *Evolution of XUV emission from individual ARs as seen
by SphinX and the other instruments*

15:00 - 15:20 S. Gburek *SphinX mission results*

15:20 - 15:40 M. Siarkowski *Solar corona during last activity minimum based
on SphinX measurements*

15:40 - 16:10 *Coffee break*

16:10 - 16:30 R. Falewicz *Hydrodynamic modeling of solar flares*

16:30 - 16:50 E. Chmielewska *X-ray plasma ejection in solar corona and their
association with prominence eruptions*

16:50 - 17:20 M. Bělík *Observatory Úpice - 21 years of total solar eclipses*
17:20 - 17:40 E. Marková *Observatory Úpice - history and future*
17:40 - 18:00 J. Klimeš *Multispectral solar patrol system on Observatory Úpice*
18:30 *SOCIAL EVENT*

SATURDAY, MAY 21

Session 5: 09:00 - 12:00 (Chair: I. Dorotovič)

09:00 - 09:30 M. Tomczak *X-ray Plasma Ejections (XPEs) - can we identify different mechanisms of their origin?*
09:30 - 09:50 T. Mrozek *Particle acceleration during the failed eruption of a filament*
09:50 - 10:20 *Coffee break*
10:20 - 10:40 U. Bąk-Stęślicka *Coronal mass ejections associated with slow LDE flares*
10:40 - 11:00 S. Kołomański *What is the nature of X-ray flare loop-top sources?*
11:00 - 11:20 P. Preš *Coronal structure of cool algol BD+5 706*
11:20 - 11:40 N. Nishizuka, K. Nishida and K. Shibata
Plasmoid Ejections and associated Particle Acceleration in 2D/3D solar flare simulations
11:40 - 12:00 M. Bárta, J. Buechner and M. Karlický
Fragmentation of CME-generated currents sheets via cascading reconnection
12:00 *END OF THE MEETING*