



Synergies between ground and space based solar research

1st SOLARNET - 3rd EAST/ATST meeting

Oslo, 5-8 August 2013

PRESENTATIONS

Monday - August 5, 2013

Martinez Pillet, V.	Vision for solar physics for the next decade
Collados, Manuel	The SOLARNET project
Scharmer, Göran	SST/CRISP observations of opposite polarity field and convective flows in a sunspot penumbra
Louis, Rohan Eugene	Formation of a penumbra in a decaying sunspot
Bharti, Lokesh	Fine structures in the atmosphere above a sunspot umbra

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Bellot Rubio, Luis	Flux emergence - combining space and ground based observations
Ortiz Carbonell, Ada	High resolution analysis of a magnetic bubble emerging through the solar atmosphere
Stangalini, Marco	Properties of small scale magnetic fields in the solar photosphere: flux emergence and dynamics in supergranules

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Fletcher, Lyndsay	Solar Flares - combining space- and ground-based observations
Scullion, Eamon	New insights into solar flares with synoptic ground and space observations
Nabizadeh, Armin	Statistical Distribution of Coronal Mass Ejections and Their Characteristics in 2007-2012

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Tuesday - August 6, 2013

Rimmele, Thomas	Large aperture ground based solar telescopes
Haugan, Stein Vidar	An ideal Solar Virtual Observatory
Soltau, Dirk	First Experiences with the 1.5 m German Solar Telescope GREGOR

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Hasan, Siraj	The Indian National Large Solar Telescope
Löfdahl, Mats	The contrast in solar images
Sliepen, Guus	A Primary Image Guider for the SST

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Lagg, Andreas	Solar Orbiter and stereoscopic magnetometry
Henriques, Vasco	Multi-line, multi-passband observations up to 0"10 resolution of an active region using the SST: results and insights into future Ca II H data.
Jafarzadeh, Shahin	Inclinations of small quiet-Sun magnetic features

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Schou, Jesper	Stereoscopic Helioseismology
Koza Julius	The CoMP-S instrument at the Lomnický Peak Observatory and possible synergy aspects with the space-born observations
Romano Paolo	Evolution of the annular zone around a sunspot before the formation of its penumbra

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Wednesday - August 7, 2013

Title, Alan	The IRIS Mission
de la Cruz Rodriguez, Jaime	Heating of the magnetic chromosphere: observational constraints from Ca II 8542 spectra
Roupe van der Voort, Luc	Small-scale periodic jets in sunspot chromospheres

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Hansteen, Viggo	Numerical simulations - supporting design of facilities and interpretations
Olluri, Kosovare	Numerical models as tools for spectroscopy and diagnostics of the solar atmosphere.
Calvo Santamaria, I.	MHD wave coupling through the solar atmosphere

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Leenaarts, Jorrit	Multi-line diagnostics of the chromosphere
Pereira, Tiago M. D.	Physical information from the NUV window of IRIS
Rathore Bhavna	Diagnostic potential of CII lines for NASA/SMEX mission IRIS.

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Suematsu, Yoshinori	Science Objectives and Instrument Designs of the SOLAR-C Mission
Schmieder Brigitte	Multi thermal Jets in the solar atmosphere
Tiwari, Sanjiv Kumar	Structure of sunspot penumbral filaments

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Thursday - August 8, 2013

Velli, Marco	Coronal Heating and Solar Wind Acceleration, from now to Solar Probe Plus
Bello Gonzalez, Nazaret	Data pipelines for spectro-polarimetry

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Innes, Davina	Experience with joint observing programs
Ramelli Renzo	IRSOL observing programs and interactions with data collected by space missions.
Pucci Fulvia	Reconnection of quasi-singular current sheets and tearing in the ideal limit

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Tritschler, Alexandra	Experience with service mode observing
Roth, Markus	Exploitation of Space Data for Innovative Helio- and Asteroseismology - Spaceln
Wedemeyer, Sven	Magnetic tornadoes on the Sun

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Shelyag, Sergiy	Spectropolarimetric signatures of photospheric intergranular vortices
Zapiór, Maciej	Simultaneous observations of solar prominence oscillations using two remote telescopes
Socas-Navarro, Hector	The O abundance using empirical 3D models

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E-POSTERS SESSIONS

ePosters - August 6, 2013

Bharti, Lokesh	Comparisons of simulated sunspot's velocity and magnetic fields with ground and space based observations
Lin, Hsiao-Hsuan	The formation of the OI 1355.6 A and Cl line 1355.8 A lines in solar atmosphere
Staiger, Joachim	New Primary Beam Pointing Tools for High-Resolution Solar Telescopes
Guerreiro, Nuno	The state of low lying loops in the solar atmosphere
Löfdahl, Mats	Image scale calibration for the Swedish 1-m Solar Telescope
Berkefeld, Thomas	The second flight of the balloon-borne solar observatory SUNRISE

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e-Posters August 7, 2013

Falco, Mariachiara	High resolution spectro-polarimetric observations of a large sunspot with a light bridge
Golding, Thomas	Detailed and simplified helium ionization in the solar atmosphere
Guglielmino, Salvo L.	The evolution of an orphan penumbra observed with HINODE and DOT
Louis, Rohan Eugene	The GREGOR Fabry-Perot Interferometer - Commissioning and Science Verification
Bentley, Robert	Exploiting the synergies between ground and space based observations

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e-Posters August 8, 2013

Pazira, Hiva	Imaging in OI (777.2 nm)
Stangalini, Marco	Data-driven 3D numerical simulations of MHD wave propagation in a solar magnetic structure
Zuccarello, Francesca	High resolution spectro-polarimetric observations of a delta spot

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