

SOLARNET Conference: The Many Scales of the Magnetic Sun

Tuesday 09 May 2023

Small and large-scale magnetic features – from bright points to sunspots (Observations and Theory) (09:00-11:15)

-Conveners: Malcolm Druett

time	[id] title	presenter
09:00	[93] Photospheric MHD simulations: From sub-granular scales to active regions	REMPEL, Matthias
09:30	[52] Chromospheric horizontal propagating waves revealed by fast cadence imaging in Ca II K with DKIST's Visible Broadband Imager	FISCHER, Catherine
09:45	[57] Non-LTE formation of the widely-used Fe I 6173 Å line	Dr NARAYANAMURTHY, Smitha
10:00	[59] Coronal voids and their magnetic nature	NÖLKE, Jonathan David
10:15	[40] Study of the evolution of magnetic energy and helicity injection in an active region with recurring eruptive events	LÓPEZ FUENTES, Marcelo
10:30	coffee break	

Small and large-scale magnetic features – from bright points to sunspots (Observations and Theory) (11:15-14:00)

-Conveners: Ekaterina Dineva

time	[id] title	presenter
11:15	[115] Active region evolution	Prof. GREEN, Lucie
11:45	[85] Scrutinising nature of magnetic and flow fields in complex active region with HiFI+ and GRIS	Mr KAMLAH, Robert
12:00	[97] Sausage wave modes in small magnetic pores observed with Solar Orbiter/PHI	Dr JAFARZADEH, Shahin
12:15	[88] Detection of the Evershed flow by the application of the SOM technique	ROMANO, Paolo
12:30	[94] Insights Into Confined/Eruptive Stellar Flare Nature using Comprehensive Statistical Analysis of Magnetic and Thermodynamic Properties of Solar Flares Observations	KAZACHENKO, Maria
12:45	lunch	

Small and large-scale magnetic features – from bright points to sunspots (Observations and Theory): Session 2-b (14:00-15:25)

-Conveners: ryan campbell

time	[id] title	presenter
14:00	[58] Modeling of the solar chromosphere	Dr DANILOVIC, Sanja
14:25	[73] Stereoscopic disambiguation of vector magnetograms: first applications to HRT data	VALORI, Gherardo
14:40	[43] Quantifying Systematic Biases in the Measurements of the Open Magnetic Flux	MILIC, Ivan

14:55	[77] Active region evolution – Tracking active regions from the near-Earth side to the solar far side (and back)	STRECKER, Hanna
15:10	[31] The role of the chromospheric canopy in the formation of a penumbra	LINDNER, Philip

Small and large-scale magnetic features – from bright points to sunspots (Observations and Theory) (15:25-16:30)

-Conveners: Alex Pietrow

time	[id] title	presenter
15:25	[121] poster popups	FARYAD, Arooj KONOW, Fallon CANIVETE CUISSA, José Roberto CANTORESI, Matteo Dr VERMA, Meetu MILANOVIĆ, Nikolina LINDNER, Philip
15:45	coffee break	

Small and large-scale magnetic features – from bright points to sunspots (Observations and Theory) (16:30-18:10)

-Conveners: Smitha Narayanamurthy

time	[id] title	presenter
16:30	[64] Sunspot penumbral evolution: a puzzle under construction	MURABITO, Mariarita
16:55	[6] On the stability of large magnetic solar structures	Dr JURCAK, Jan
17:10	[48] Evidence of external reconnection between an erupting mini-filament and ambient loops observed by Solar Orbiter/EUI	LI, Zhuofei
17:25	[16] Plasma thermalisation from wave damping seen in super-penumbral fibrils	Mr BATE, William
17:40	[20] On diversity of spectral shapes of hydrogen Lyman lines and Mg II lines in a quiescent prominences	SCHWARTZ, Pavol
17:55	[9] Magnetic field changes in the photosphere during solar flares and their association with flare ribbons	YADAV, Rahul

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Small and large-scale magnetic features – from bright points to sunspots (Observations and Theory) (09:00-09:30)

-Conveners: Hanna Strecker

time	[id] title	presenter
09:00	[78] Center-to-limb variation in Mg II intensities in quiet Sun and active regions from IRIS	Dr ANAND, Megha
09:15	[62] Quantifying Poynting Flux in the Quiet Sun Photosphere Using Observations and Simulations	TILIPMAN, Denis