

European Space Weather Week 2025 - cloned July 3

Tuesday, 4 November 2025

SWR1 – Magnetic Sources of Space Weather Across Solar Atmospheric Layers: Orals - Part 1 (10:45 - 12:15)

-Conveners: Ioannis Kontogiannis; Paolo Pagano; Hanna Strecker; Clementina Sasso

time	[id] title	presenter
10:45	[169] Estimation of the twist in the solar magnetic flux rope	DORSCH, Brenda
11:00	[178] Extending photospheric magnetic field observations with PHI-HRT on Solar Orbiter and the first high latitude view of the Poles	SINJAN, Jonas
11:15	[293] Is BRADPIT keeping its promises in discerning flaring from non-flaring active region configurations?	ANDRÉ-HOFFMANN, Augustin
11:30	[195] Insights into solar eruption dynamics and energy distribution through MHD + test-particle simulations	Dr SIEYRA, M. Valeria
11:45	[23] Predictive analytics of solar eruptions and solar energetic particle events based on 3D magnetic field models	Prof. KUSANO, Kanya
12:00	[266] Evolution of an expanding flux rope in the solar corona as observed by the Metis multi-channel coronagraph.	Mr AMATO, Emanuele

Wednesday, 5 November 2025

SWR1 – Magnetic Sources of Space Weather Across Solar Atmospheric Layers: orals - part 2 (13:30 - 14:45)

-Conveners: Ioannis Kontogiannis; Paolo Pagano; Hanna Strecker; Clementina Sasso

time	[id] title	presenter
13:30	[58] A dynamic multifluid model for the solar atmosphere	Prof. POEDTS, Stefaan
13:45	[274] Enhancing solar flare prediction with physics-informed machine learning and dimensional analysis	Dr GUASTAVINO, Sabrina
14:00	[42] Analysing Geoeffective events using Metis Data	SAHANI, Preity Sukla
14:15	[180] Type II Radio Bursts and their association with Space Weather Phenomena	DEVI, Pooja
14:30	[279] Seeing the full Sun: A multi-vantage exploration of the photospheric magnetic field	STRECKER, Hanna

SWR1 – Magnetic Sources of Space Weather Across Solar Atmospheric Layers: orals - part 3 (15:00 - 16:30)

-Conveners: Ioannis Kontogiannis; Paolo Pagano; Hanna Strecker; Clementina Sasso

time	[id] title	presenter
15:00	[167] Probing the characteristics of a pre-eruptive flux rope using novel techniques	MOTTRAM, Emily
15:15	[333] Using Data-Driven Coronal Modeling to Inform MHD Simulations from the Middle Corona to the Heliosphere	POMOELL, Jens
15:30	[85] Multi-instrument analysis of 2024 May 14 solar eruptions: Linking type II radio bursts to coronal mass ejections	Dr NEDAL, Mohamed
15:45	[232] Transition to a Critical State of Active Regions: Identifying Solar Flare Precursors	TELLONI, Daniele
16:00	[37] Magnetic flux rope stability and evolution in data-driven coronal magnetic field simulations	WAGNER, Andreas
16:15	[24] ASR: Archival Solar flaRes catalogue	BERRETTI, Michele