



# 17th European Solar Physics Meeting ESPM-17

## Monday, 9 September 2024

### Energy and mass transfer throughout the solar atmosphere and structures within (17:00 - 18:15)

-Conveners: Stanislav Gunár

time	[id] title	presenter
17:00	[323] Restructuring of magnetic fields at the periphery of granules	VIGEEESH, G.
17:15	[133] Vortex Flows in the Solar Atmosphere: Detection and Heating Mechanisms in 3D MHD Numerical Simulations	KOLL PISTARINI, Matias
17:30	[93] High flow speeds and transition-region like temperatures in the chromosphere caused by reconnection	LEENAARTS, Jorrit
17:45	[67] On the sunspot penumbra formation with nonlinear force-free field extrapolations	JURCAK, Jan
18:00	[206] Impact of small-scale photospheric magnetic reconnection events on the upper atmosphere	ROUPPE VAN DER VOORT, Luc

## Tuesday, 10 September 2024

### Energy and mass transfer throughout the solar atmosphere and structures within (09:00 - 10:25)

-Conveners: Stanislav Gunár

time	[id] title	presenter
09:00	[274] Small EUV brightenings in the quiet solar atmosphere: new insights from the Solar Orbiter mission	PARENTI, Susanna
09:25	[105] First Solar Orbiter observation of a Dark Halo in the solar atmosphere	LEZZI, Serena Maria
09:40	[279] Stereoscopic study of energy and mass transfer in the solar atmosphere	DANILOVIC, Sanja
09:55	[322] Waves in coronal structures up to 1 R <sub>sun</sub> ?	BERGHMANS, David
10:10	[101] Probing the physical parameters of the solar chromosphere and the corona through radio observations in the 18-26 GHz frequency range	Dr MARONGIU, Marco

### Energy and mass transfer throughout the solar atmosphere and structures within (11:25 - 13:00)

-Conveners: Sven Wedemeyer

time	[id] title	presenter
11:25	[281] Thermal non-equilibrium : its importance for the energy and mass cycles in the atmosphere and its possible solar wind implications	Dr FROMENT, Clara
11:50	[335] Numerical Modeling of Prominence Dynamics, Eruption and Coronal Waves Propagation Using MPI-AMRVAC	Dr LIAKH, Valeriia
12:15	[229] On the magnetic source of chromospheric heating	STEINER, Oskar
12:30	[104] Plasma Motions and Compressive Wave Energetics in the Solar Corona and Solar Wind from Radio Wave Scattering Observations	AZZOLLINI, Francesco
12:45	[103] Global coronal models driven with Alfvén and kink waves	VAN DOORSSELAERE, Tom

### Energy and mass transfer throughout the solar atmosphere and structures within (14:30 - 15:30)

-Conveners: Sven Wedemeyer

time	[id] title	presenter
14:30	[189] Are Switchbacks the Magnetohydrodynamic Equivalent of Smoke Rings?	WYPER, Peter
14:45	[132] Photospheric driving of sustained kink oscillations in coronal loops	POIRIER, Nicolas
15:00	[30] Mass Cycle and Dynamics of a Virtual Quiescent Prominence	DONNÉ, Dion
15:15	[39] Simulation of a solar prominence with MURaM	ZESSNER, Lisa-Marie