17th European Solar Physics Meeting ESPM-17

Thursday 12 September 2024

Diagnostic tools and numerical methods in solar physics (11:25 - 12:50)

  -Conveners: Sophie Masson

time	[id] title	presenter
11:25	[282] The inversion of spectropolarimetric data and machine learning: a story about old friends and their adventures	SAINZ DALDA, Alberto
11:50	[92] Improved reconstruction of solar magnetic fields from imaging spectropolarimetry through spatio-temporal regularisation	DE LA CRUZ RODRIGUEZ, Jaime
12:05	[246] Modeling the polarization of strong chromospheric lines and its magnetic sensitivity	BELLUZZI, Luca
12:20	[308] Parametrization of SHARP Vector Magnetic Field Using Disentangled Representation Learning	DINEVA, Ekaterina
12:35	[151] Implementation of thermal conduction energy transfer codes in the Bifrost Solar atmosphere MHD solver	CHERRY, George

Diagnostic tools and numerical methods in solar physics (14:25 - 15:50)

  -Conveners: Sophie Masson

time	[id] title	presenter
14:25	[294] Chromospheric Magnetic Field Reconstruction through Neural Field Assisted Spectropolarimetric Inversions	DIAZ BASO, Carlos Jose
14:40	[195] Spectroscopic measurements from Solar Orbiter Full Disk Mosaic	GIUNTA, Alessandra
14:55	[14] Bayes in Space: A Bayesian Deep Learning approach for Coronal Temperature estimation	BALODHI, Nikita
15:10	[332] The Tunable-Imaging Spectropolarimeters/Fixed-Band Imagers for the European Solar Telescope	BELLOT RUBIO, Luis
15:25	[287] Challenges in forecasting space weather consequences of coronal mass ejections	KILPUA, Emilia

Friday 13 September 2024

<u>Diagnostic tools and numerical methods in solar physics</u> (09:00 - 09:25)

  -Conveners: Jasmina Magdalenic

time	[id] title	presenter
09:00	[344] Why use real-time operational data in Solar Physics and Space Weather research?	DE PATOUL, Judith