

National Astronomy Meeting (NAM) 2025

Thursday 10 July 2025

Magnetic reconnection, topology and non-ideal instabilities (09:00 - 10:30)

time	[id] title	presenter
09:00	[821] Reconnection between the interplanetary magnetic field and closed magnetotail structures	FEAR, Robert
09:16	[588] Multispacecraft Observations of Reconnection Topologies and Their Role in the Turbulent Energy Cascade	
09:32	[417] Identifying Magnetic Reconnection to Assess its Role in Collisionless Turbulent Plasmas using the Unsupervised Machine Learning TICC Algorithm	
09:48	[674] Estimating the Contribution from Small-Scale Terms in the Generalised Ohm's Law to the total Electric field.	
10:04	[229] On field line slippage rates in the solar corona	

Magnetic reconnection, topology and non-ideal instabilities (16:15 - 17:45)

time	[id] title	presenter
16:15	[303] Theory and observation of plasmoid-modulated magnetic reconnection	
16:31	[787] The Thermodynamics of Naturally Heated Coronal Null Points	
16:47	[590] Oscillatory Reconnection: A Comparison with Steady-State Solutions	
17:03	[355] Automatic Detection of Fine Structures in Solar Flare Ribbons	
17:19	[479] Investigating the Effects of Atmospheric Stratification on Coronal Active Region Field Modelling	