

UK Solar Physics Open Session Schedule

Talks

Thursday 09h00-10h30

09h02: Wave Generation via Oscillatory Reconnection at a Three-dimensional Magnetic Null Point (*Luiz A. C. A. Schiavo*)

09h18: Estimating Posterior Distributions of Solar Magnetic Field Strength via Bayesian Inference (*Lewis J Dean*)

09h34: Oscillatory reconnection and resonant response to wave excitation in 2D coronal null points (*Konstantinos Karampelas*)

09h50: Solar Flare Ion Temperatures (*Alexander Russell*)

10h06: Considering the Effects of Optically Thick Radiation on Cool Coronal Condensations (*Chris Osborne*)

10h22: Panel/Discussion

Thursday 14h15-15h45

14h17: Resonant cavity effects on slow wave spectra in the sunspot corona (*Hemanthi Miriyala*)

14h33: Automatic detection of Ellerman bombs in the H α line (*Arooj Faryad*)

14h49: INSPEX: in situ electron spectral analysis for solar flare science (*Samuel Carter*)

15h05: Effect of a collisional heliospheric environment on simulated in-situ electron spectra (*Ross Pallister*)

15h21: Solar activity and exoplanet hunting: how SDO data helps us understand stellar variability (*Federica Rescigno*)

15h37: Panel/Discussion

Thursday 16h15-17h45

16h17: Non-local thermal transport influence on coronal loops with TNE (*Sergey Belov*)

16h30: Nonlocal thermal transport in solar flares (*Thomas Parmenter*)

16h43: Evaluating Quasi-Periodic Pulsations with STIX Observations (*Nachiketa Chakraborty*)

16h56: Vortices as Waveguides: Quantifying Vortex-Driven Inter-Layer Coupling in the Solar Atmosphere via SPOD and Granger Causality (*Suzana S. A. Silva*)

17h09: Matching Solar Differential Rotation with Dynamo Models (*Valentin Aslanyan*)

17h22: The signs of modern grand solar minimum (2020-2053) and its impact on terrestrial environment (*Valentina Zharkova*)

17h35 Panel/Discussion

Posters

- Magnetic connectivity and photospheric flows associated with a C-class solar flare (G.J.J. Botha)