

Thursday 18 November 2010

10:30 – 11:10 – **Coffee Break**

Room PX_P5.23

11:10 – 11:15 Welcome by **Valery Nakariakov**

First session

Chairman - **Valery Nakariakov**

11:15 – 11:35 **Alan Hood** (*University of St Andrews*)

Waves generated by rapid reconnection

11:35 – 11:55 **Małgorzata Selwa** (*University of St Andrews*)

The Role of Active Region Topology in Reconnection, Flares and Loop Oscillations

11:55 – 12:15 **Philippa Browning** (*University of Manchester*)

Energy release and particle acceleration in reconnection - and a bit of waves

12:15 – 12:45 **Discussion**

12:45 – 14:00 **LUNCH**

Second session

Chairman – **Tony Arber**

14:00 – 14:20 **Leon Ofman** (*Catholic University of America*)

Waves and Currents in Coronal Active Regions

14:20 – 14:40 **David Tsiklauri** (*Queen Mary University of London*)

Vlasov-Maxwell and PIC, self-consistent electromagnetic wave emission simulations in the solar corona

14:40 – 15:00 **Ken McClements** (*Culham Science Centre*)

Forced reconnection studies in the MAST spherical tokamak

15:00 – 15:30 **Discussion**

15:30 – 16:10 **Coffee Break**

Room PX_P5.20a

Third session

Chairman - **Claire Foullon**

16:10 – 16:30 **Lyndsay Fletcher** (*University of Glasgow*)

Flare energy transport by Alfvénic waves

16:30 – 16:50 **Eduard Kontar** (*University of Glasgow*)

Characteristics of the flare acceleration region derived from simultaneous hard X-ray and radio observations

16:50 – 17:20 **Discussion**

19:30 **Cosmo Restaurant in Coventry**

Friday 19 November 2010

9:30 – 10:10 **Coffee Break**

Room PS017a

First session

Chairman – **Alan Hood**

10:10 – 10:30 **Ineke De Moortel** (*University of St Andrews*)

Nonlinear fast magnetoacoustic wave propagation near a 2D X-point

10:30 – 10:50 **Marcin Gruszecki** (*University of Warwick*)

Magnetoacoustic shock formation near a magnetic null point

10:50 – 11:20 **Discussion**

Second session

Chairman – **Leon Ofman**

11:20-11:40 **Jennifer Harris** (*University of Warwick*)

Large amplitude transverse oscillations in a multi-stranded EUV prominence

11:40-12:00 **Claire Foullon** (*University of Warwick*)

Flow-driven Instabilities

12:00 – 12:30 **Discussion**

12:30 – 13:30 **LUNCH**

Third session

Chairman – **Ineke De Moortel**

13:30 – 13:50 **Tom Van Doorselaere** (*Katholieke Universiteit Leuven*)

The measurement of the coronal adiabatic index

13:50 – 14:10 **Erwin Verwichte** (*University of Warwick*)

Periodic Spectral Line Asymmetries in Solar Coronal Structures from Slow Magnetoacoustic Waves

14:10 – 14:40 **Discussion**

Fourth session

Chairman – **Erwin Verwichte**

14:40 – 15:00 **Hugh Hudson** (*University of Glasgow*)

Momentum in Flares

15:00 – 15:20 **Nicholas Bian** (*University of Glasgow*)

Parallel electric field amplification by kinetic Alfvén wave turbulence

15:20 – 15:40 **Soheil Vasheghani Farahani** (*University of Warwick*)

Nonlinear effects on Torsional Alfvén waves

15:40 – 16:10 **Discussion**

16:10 – 16:50 **Coffee Break**