

Thursday

10:00 -- 11:00	MHD Consortium Meeting
11:00 -- 11:15	Tony Arber, St Andrews The new MHD consortium parallel computing facility at St Andrews
11:15 -- 11:30	Sam Falle, Leeds Multi-fluid magnetohydrodynamic shock structures
11:30 -- 11:45	Serguei Komissarov, Leeds Relativistic magnetohydrodynamic jets
11:45 -- 12:00	Stephen O'Sullivan, Leeds Magnetohydrodynamic jets from young stellar objects
12:00 -- 12:15	Wolfgang Dobler, Newcastle Nonlinear modeling of the Ponomarenko dynamo
12:15 -- 12:30	Gordon Petrie, St Andrews A self-consistent Green's function method for non-force-free 3D magnetohydrostatic equilibria: theory and application to coronal magnetic structures
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2:00 -- 2:15	Tony Arber, St Andrews An MHD shock-capturing code without a Riemann solver
2:15 -- 2:30	Keke Zhang, Exeter Thermal Alfven waves: an asymptotic theory
2:30 -- 2:45	Robertus Erdelyi, Sheffield Nonlinear resonant MHD waves in the solar atmosphere
2:45 -- 3:00	Michael Ruderman, St Andrews Structure of driven Alfven waves with oblique magnetic field and dissipation
3:00 -- 3:15	Ineke De Moortel, St Andrews Phase mixing of Alfven waves in a stratified and open atmosphere
3:15 -- 3:30	David Boddie, St Andrews On the magneto-acoustic waves in a current sheet
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4:00 -- 4:15	Sean Oughton, University College London Waves + turbulence = coronal heating?
4:15 -- 4:30	Rekha Jain, UMIST Plasma heating by forced magnetic reconnection
4:30 -- 4:45	Dave Gubbins, Leeds Symmetry selection by 3D kinematic dynamos
4:45 -- 5:00	Yannick Ponty, Exeter Kinematic dynamo in a spiral Ekman layer mean flow
5:00 -- 5:15	Graeme Sarson, Exeter 3D kinematic dynamos with thermal-wind flows
5:15 -- 5:30	Paul Fotheringham, Glasgow Magnetic instabilities in alpha-effect dynamos
5:30 -- 5:45	Graeme Morrison, Glasgow 2.5D hydromagnetic dynamos

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9:00 -- 9:15	Axel Brandenburg, Newcastle Jet launching and collimation from disc dynamos
9:15 -- 9:30	Anne Bardou, Newcastle When stellar magnetic fields interact with accretion discs
9:30 -- 9:45	Ashley Willis, Newcastle Nonlocal effects in the disk dynamo
9:45 -- 10:00	Vadim Urpin, Newcastle Turbulent dynamo in a shear flow
10:00 -- 10:15	Udo Ziegler, Astrophysical Institute Potsdam MHD simulations of vertically stratified, weakly magnetized disks
10:15 -- 10:30	Andrew Soward, Exeter Non-axisymmetric rotating MHD shear layers
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11:00 -- 11:15	Steve Tobias, Cambridge The nonlinear equilibration of forced fast dynamos
11:15 -- 11:30	Alastair Rucklidge, Cambridge Development of structure in pores and sunspots, flow around axisymmetric magnetic flux tubes
11:30 -- 11:45	Sean Blanchflower, Cambridge Magnetohydrodynamic convectons
11:45 -- 12:00	Jon Dawes, Cambridge The $1:\sqrt{2}$ Hopf/steady-state mode interaction in three-dimensional magnetoconvection
12:00 -- 12:15	Mark Miesch, Cambridge 3D Simulations of turbulent convection and its coupling with rotation in spherical fluid shells
12:15 -- 12:30	Shigeo Kida, National Institute for Fusion Science, Japan Thermally driven MHD dynamo in a rotating spherical shell
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2:00 -- 2:15	John Brooke, Manchester Long term variation of sunspot latitudes
2:15 -- 2:30	Eurico Covas, Queen Mary and Westfield College Intermittency as a possible underlying mechanism for solar and stellar variability
2:30 -- 2:45	Graham Pointer, St Andrews The magnetic field of AB Doradus
2:45 -- 3:00	Anvar Shukurov, Newcastle Turbulence driven by supernova explosions
3:00 -- 3:15	Andrew Fletcher, Newcastle The role of magnetic fields in galactic hydrostatic equilibrium
3:15 -- 3:30	Javier Sanchez-Salcedo, Newcastle Magnetism in clusters of galaxies