

Thursday May 21

11:00 - 11:15	Reza Tavakol (QMW). <i>Dynamics underlying stellar dynamo models.</i>
11:15 - 11:30	Eurico Covas (QMW). <i>In-out intermittency in dynamo models.</i>
11:30 - 11:45	Andrew Tworkowski (QMW). <i>Axisymmetric mean field dynamics with differing geometries.</i>
11:45 - 12:00	Isaac Klapper (Montana State). <i>Long-time behaviour of planar magnetic fields.</i>
12:00 - 12:15	Richard Holme (Edinburgh). <i>Optimised kinetic dynamos with axial flows.</i>
12:15 - 12:30	Graeme Sarson (Exeter). <i>Convection driven geodynamo models in spherical geometry.</i>
12:30 - 12:45	Peter Hoyng (SRON Laboratory, Utrecht). <i>The geodynamo as a bistable oscillator.</i>
LUNCH	
2:00 - 2:15	Eun-jin Kim (Exeter). <i>Dynamos excited by rotating convection.</i>
2:15 - 2:30	Paul Matthews (Nottingham). <i>Dynamo action in 2D convection rolls.</i>
2:30 - 2:45	Jan Maksymczuk (Exeter). <i>The role of helicity in a simplified fast dynamo model.</i>
2:45 - 3:00	Michael Proctor (Cambridge). <i>Destabilisation of a dynamo model by added noise.</i>
3:00 - 3:15	Nigel Weiss (Cambridge). <i>An active Sun throughout the Maunder Minimum.</i>
COFFEE/TEA	
3:45 - 4:00	Raymond Hide (Oxford). <i>Nonlinear quenching of current fluctuations in self-exciting dynamos.</i>
4:00 - 4:15	Graeme Morrison (Glasgow). <i>Influence of Rayleigh number and inner core radius on 2.5D dynamo solutions.</i>
4:15 - 4:30	David Acheson (Oxford). <i>Some "new" results on the Balbus-Hawley instability.</i>
4:30 - 4:45	Chris Jones (Exeter). <i>Plane layer dynamos driven by rotating convection.</i>
4:45 - 5:00	Keke Zhang (Exeter). <i>Some key effects of hyperviscosity on numerical geodynamo models.</i>

Friday May 22

9:00 - 9:15	David Moss (Manchester). <i>The magnetic field of the spiral galaxy M31.</i>
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9:15 - 9:30	Stuart Caunt (Newcastle). <i>Radiative simulations of accretion disks.</i>
9:30 - 9:45	Alberto Bigazzi (Newcastle). <i>Dynamo action from the magnetic buoyancy instability with shear.</i>
9:45 - 10:00	Stephen Brooks (Newcastle). <i>Irrotational turbulence in the early Universe.</i>
10:00 - 10:15	Kandaswamy Subramanian (Pune/Newcastle). <i>Microwave background signals from tangled cosmic magnetic fields.</i>
10:15 - 10:30	Axel Brandenburg (Newcastle). <i>Alpha-effects from magnetic instabilities.</i>
COFFEE/TEA <i>Chair DLF</i>	
11:00 - 11:15	Gordon Ogilvie (Cambridge). <i>MHD outflows from accretion disks.</i>
11:15 - 11:30	Anvar Shukurov (Newcastle). <i>Magnetic arms in spiral galaxies.</i>
11:30 - 11:45	Dmitry Sokoloff (Newcastle). <i>Cascade and dynamo action in a shell model of MHD turbulence.</i>
11:45 - 12:00	Jan Wissink (Nottingham). <i>Effect of the initial distribution of magnetic field in a layer in the solar convection zone.</i>
12:00 - 12:15	Philip Tucker (Exeter). <i>The effect of magnetic boundary conditions on plane layer magnetic instabilities for various magnetic field profiles.</i>
12:15 - 12:30	Sam Falle (Leeds).
LUNCH	
2:00 - 2:15	Andy Jackson (Leeds). <i>Observational Constraints on Core Secular Variation.</i>
2:15 - 2:30	Tony Arber (St. Andrews). <i>Nonlinear simulations of unstable coronal loops.</i>
2:30 - 2:45	Toufik Abdelatif (Algiers). <i>To be announced.</i>
2:45 - 3:00	Gordon Petrie (St. Andrews). <i>Stationary flows in 3D magnetic structures in the solar atmosphere.</i>
3:00 - 3:15	Michael S. Ruderman (St. Andrews). <i>On the steady state of nonlinear quasiresonant Alfvén waves in a one-dimensional resonant cavity.</i>
COFFEE/TEA	
3:45 - 4:00	Vadim Urpin (Newcastle). <i>The Hall effect and the oscillatory of the magnetic field.</i> <i>The α-effect due to diff. rot?</i>
4:00 - 4:15	Douglas McLean (Universite Joseph Fourier). <i>Instabilities by experiment.</i>
4:15 - 4:30	John Brooke (Manchester). <i>Boundary conditions and accretion disk dynamos.</i>
4:30 - 4:45	Paul Fotheringham (Glasgow). <i>Magnetic instabilities in a rapidly rotating sphere.</i>

4:45 - 5:00	Vladimir Cadez (St. Andrews). <i>Coronal magnetic field structures from photospheric sources.</i>
5:00 - 5:15	Thomas Neukirch (St. Andrews). <i>Axisymmetric equilibrium states of two linked flux tubes: a magnetohydrostatic free boundary problem.</i>
5:15 - 5:30	Valery Nakariakov (St. Andrews). <i>Nonlinear Dynamics of MHD Waves in Plasma Inhomogeneities.</i>