

PROVISIONAL PROGRAM

ANNUAL UK GEOPHYSICAL AND ASTROPHYSICAL MHD MEETING

St Andrews, Friday 3 October

9.30 A Soward 'Fast Dynamos' (invited review)

10.00 D Fearn 'Self-Consistent Hydromagnetic Dynamos'

11.00 Coffee

P Browning 'Magnetic Field Relaxation in Coronal Loops and Spheromaks'

Taylor hypothesis. Ray. Hel. $\nabla \times (\mathbf{A} \cdot \mathbf{B} \cdot \mathbf{V}$ observed. Released into $\nabla \times \mathbf{B} = -\mathbf{B}$ $\alpha = \alpha(t)$.

K Bajer 'Relaxation Towards Equilibrium in Two-Dimensional MHD'

*velocity decays
more slowly than energy.*

B Roberts 'MHD Solitons in Astrophysical Jets'

*Field through being \rightarrow
velocity injection.
 \rightarrow velocity changed
by moving field
lines today*

12.00 Lunch

2.00 M Proctor 'Compressible Magnetoconvection' (invited review)

A Hood 'Line Tying in MHD Instabilities'

*th
du (A.V)B.ds*

M Velli 'Resistive Ballooning Instabilities'

I Forbes 'A Unification of Reconnection Theories'

R Campbell 'Effect of Magnetic Field on Global Solar Oscillations'

Please note. Invited reviews will last 30 minutes and contributed talks 15 minutes. If anyone else would like to give a talk or attend the meeting please contact Dr A Hood or Professor E Priest, Applied Mathematics Department, St Andrews KY16 9SS (tel: 0334 - 76161, ext 8194 or 8156).