

M H D 84
Revised Programme

Friday 18th May. All talks in Seminar Room A , DAMTP.

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|-----------------|--|---|
| 12.00 | M R E Proctor &
N O Weiss
(Cambridge) | Bifurcations in magnetoconvection:
low order models. |
| 13.00 | Lunch | Disperse for pub lunches. |
| 14.00 | D R Pearn
(Cambridge) | Dynamics satisfying Taylor's constraint. |
| 14.30 | S J Nightingale
(Cambridge) | Magnetic buoyancy effects in mean-field
dynamo models. |
| 15.00 | C A Jones
(Newcastle) | The complex Lorenz equations and the solar dynamo. |
| 15.30 | A M Soward
(Newcastle) | Beltrami flows and high conductivity dynamos. |
| 16.00 | Tea | |
| 16.30
-17.30 | E R Priest
(St Andrews) | The MHD of solar activity. |
| 19.30 for 20.00 | Dinner in the Old Kitchens, Trinity College. | |

Saturday 19th May. All talks in Seminar Room B , DAMTP.

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| 09.15 | P Browning
(St Andrews) | Coronal heating by magnetic tearing turbulence. |
| 09.45 | P M Edwin
(St Andrews)
<i>Newcastle</i> | Fast pulsations in the solar corona. |
| 10.15 | L Nocera
(St Andrews) | Nonlinear propagation of MHD waves and the
problem of coronal heating. |
| 10.45 | Coffee | Graduate centre. |
| 11.15 | D W Hughes
(Cambridge) | Finite amplitude convection driven by magnetic
buoyancy. |
| 11.45 | P Watterson
(Cambridge) | Resistive force-free magnetic field evolution. |
| 12.15 | F Cattaneo
(Cambridge) | Oscillatory convection in sunspots. |