

Informal meeting on Astrophysical Magnetohydrodynamics - Cambridge,
May 16 and 17, 1980.

(All lectures will be given in the Department of Applied Mathematics and Theoretical Physics, Silver Street, Seminar Room A (First floor))

P R O G R A M M E

Friday May 16

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|---------|--|
| 10:00 - | C. A. Jones (Newcastle) |
| 10:45 | "Solar Strangeness" |
| 10:45 - | Coffee |
| 11:00 - | P.H. Roberts (Newcastle) |
| 11:45 | "Some stability calculations for neutron star models" |
| 11:45 - | A. M. Soward (Newcastle) |
| 12:30 | "A bound for turbulent convective dynamos" |
| 12:30 - | K. Whaler (Geodesy & Geophysics, Cambridge) |
| 1:00 | "Geomagnetic evidence for stratification of the top of the Earth's core" |
| 1:00 - | L U N C H |
| 2:30 - | B. Roberts (St. Andrews) |
| 3:15 | "Surface waves on flux tubes" |
| 3:15 - | A. Hood (St. Andrews) |
| 4:00 | "MHD instability of magnetic arcades" |
| 4:00 - | T E A |
| 4:30 | |
| 4:30 - | D. J. Acheson (Oxford) |
| 6:00 | Dept. Fluid Mechanics Seminar (Room A) |
| | "'Stable' density stratification as a catalyst for instability" |

Room C

Saturday May 17

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| 9:15 - | S. Nightingale (Bristol) |
| 10:00 | "Dynamo models incorporating effects of topological pumping" |

Saturday May 17 (continued)

10:00 - N.O. Weiss DAMTP,
11:00 M.R.E. Proctor Cambridge,
11:30 - E. Knobloch
12:15 "Nonlinear oscillations in
magnetoconvection

11:00 - C O F F E E
11:30

There will be a dinner at Clare College on Friday evening (cost approximately £9 per head). ~~Please contact the organisers if~~
interested.

M. R. E. Proctor
N. O. Weiss

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