

MHD MEETING

FRIDAY, MAY 20 1988. SEMINAR ROOM A, D.A.M.T.P.

9:50-10:10 David Fearn (Glasgow). The stability of toroidal magnetic fields in rapidly rotating systems.

10:10-10:30 Chris Campbell (Newcastle). The interaction of a magnetic neutron star with an accretion disc.

10:30-10:50 Paul Skinner (Newcastle). Magnetically influenced convection in a rotating cylinder.

10:50-11:10 Richard Jennings (Newcastle). Symmetry breaking in the solar dynamo.

11:10-11:30 Chris Jones (Newcastle). $\alpha\omega$ - dynamos and Taylor's constraint.

11:30-12:00 COFFEE

12:00-12:20 Ellen Zweibel (Colorado & Cambridge). The growth of magnetic fields prior to galaxy formation.

12:20-12:40 Konrad Bajer (Cambridge). Perturbations of strongly degenerate solenoidal vector fields.

12:40-13:00 Nigel Weiss (Cambridge). The origin of travelling waves in compressible magnetoconvection.

13:00-14:00 LUNCH

14:00-14:20 Colin Steele (St. Andrews). Eruption of a coronal mass ejection.

14:20-14:40 ^{Robert Lothion} ~~Moir-Jardine~~ (St. Andrews). Steady state magnetic reconnection.

14:40-15:00 Marco Velli (St. Andrews). Boundary effects on the stability of coronal loops.

15:00-15:20 Mitch Berger (St. Andrews). Tangled magnetic fields.

15:20-15:40 Dick Hermans (St. Andrews). The linear conductive spectrum of a slab.

15:40-16:00 Bernard Roberts (St. Andrews). The effect of a chromospheric magnetic field on p- and f-modes.

16:00-16:30 TEA

16:30-17:30 Andrew Soward (Newcastle). Fast dynamos.