

Programme

Friday 25 May

- 2.00 E.R. Priest (St Andrews)
Solar flares, loops and prominences.
- 2.30 A. Hood (St Andrews)
Loop statics and kink instability.
- 3.05 P. Cargill (St Andrews)
Siphon flow in loops.
- 3.25 TEA
- 3.45 H.K. Moffatt (Bristol)
The growth rate of α -effect dynamos in the limit $\sigma \rightarrow \infty$.
- 4.20 M.R.E. Proctor (Cambridge)
Necessary conditions for the magnetohydrodynamic dynamo.
- 4.55 D. Acheson (Oxford)
Instability by magnetic buoyancy.
- 5.20 M. Gibbons (St Andrews)
A remark on local stability analysis.
- 5.35 END

Saturday 26 May

9.15 M. Gibbons (St Andrews)

~~One dimensional current sheets.~~

*Burs (1976) model but with
weakly compressible gas.*

9.40 B. Roberts (St Andrews)

Intense magnetic fields in the photosphere.

10.15 A. Watt (St Andrews)

Convective instability in intense fields.

10.35 COFFEE

10.55 D.R. Fearn (Newcastle)

Thermal instabilities in a rapidly rotating sphere.

10.20 I.A. Eltayeb (Newcastle)

Thermal and magnetic instabilities in rotating spherical shells.

11.45 A.M. Soward (Newcastle)

An instability of finite amplitude convection in a rotating magnetic system.

12.10 P.H. Roberts (Newcastle)

An invariant other than flux.

12.30 END