FRIDAY AFTERNOON
1:30- 5:00 D Lecture Room A (J. F. Decker presiding)

Parametric Heating

D1. Invited Paper: Parametric Instabilities and Enhanced Heating of Plasma in a Magnetic Field: A Review, Miklos Porkolab, PPL, Princeton Univ.

D2. Parametric Instabilities and Plasma Heating Near the Lower Hybrid Frequency, R.P.H. Chang, Bell Laboratories, M. Porkolab, PPL, Princeton Univ.

D3. Experimental Studies of Plasma Heating Associated with Parametric Instabilites, V. Arunasalam, N. C. Luhmann, Jr., M. Porkolab, and J.P.M. Schmitt, PPL, Princeton Univ.

D4. A Parametric Instability Induced in a Multispecies Plasma by Magnetosonic Waves, J. L. Sperling and F. W. Perkins, Princeton Univ.

D5. Parametric Heating by R. F. Fields Near the Upper-Hybrid or Cyclotron Harmonics Frequencies, B. Grek, Defense Research Establishment Valcartier.

D6. Parametric Heating of Electrons by an Electromagnetic Wave, Robert N. Carlile, The Univ. of Ariz.

D7. Saturation of the Parametric Ion Acoustic Decay Instability in Isothermal Plasmas, J. T. Flick and H. W. Hendel, PPL, Princeton Univ.

D8. Damping of the Fast Wave and Plasma Heating by an Unidentified Mechanism, R. Dollinger, J. Bergstrom, M. Kristiansen, M. O. Hagler, and F. J. Paoloni, Texas Tech U.

FRIDAY EVENING
7:00- 9:00 Barbeque

SATURDAY MORNING
8:30-12:00 E Lecture Room A (A. C. England presiding)

Mostly Electron Heating

E1. Invited Paper: Heating Experiments in the Ionosphere, F. W. Crawford, Stanford Univ.

E2. Theory and Simulation of Cyclotron Heating in a Linear Octupole, J. C. Sprott, Univ. of Wisconsin.

E3. ECRH Experiments in a Toroidal Octupole, K. L. Wong and J. C. Sprott, Univ. of Wisconsin.

E4. ICRH Experiments in a Toroidal Octupole, J. D. Barter and J. C. Sprott, Univ. of Wisconsin.

E5. Anomalous Resistivity due to Intermediate-Frequency Fields, J. R. Conrad, R. Gore, and H. Lashinsky, Univ. of Maryland.

E6. Withdrawn.

E7. Interaction of Electromagnetic Waves with Magnetized Plasma, L. A. Ferrari, R. J. LaHaye, and A. W. McQuade, Queens College of the City Univ. of N. Y.

E8. Dense Relativistic Electron Plasma by Electron Cyclotron Heating and Adiabatic Compression* at the Institute of Plasma Physics, Nagoya University, I. Alexeff, Univ. of Tenn., H. Ikegami, Oak Ridge National Laboratory, H. Aikawa, S. Okamura, M. Hosokawa, S. Aihara, Institute of Plasma Physics, Nagoya University.

E9. Withdrawn.

E10. Radio-Frequency Activated Two-Energy-Component Toroidal Fusion Reactors, D. L. Jassby, PPL, Princeton Univ.