DEPARTMENTS

PUBLICATIONS


PRESENTATIONS

A. Arrow, “Report for Workshop on Bank-to-Turn Controlled Terminal Homing Missiles,” SAE Aerospace Control and Guidance Committee Meeting, Colorado Springs (Mar 6-8, 1985).


A. H. Kues, “Microwaves and Subhuman Primates,” Lecture, JHU School of Medicine, Div. of Comparative Medicine, Baltimore (Jan 11, 1985).


The following papers were presented at the Chapman Conference on Solar Wind—Magnetospheric Coupling, Pasadena (Feb 12-15, 1985):


S. M. Krimigis, “Preliminary Results from the AMPTE Mission”;

A. T. Y. Lui, “Solar Wind Influence on Magnetotail Configuration and Dynamics”;


C.-I. Meng, “Dynamic Variations of the Polar Cap”;


The following papers were presented at the Fall Meeting of the American Geophysical Union, San Francisco (Dec 3-7, 1984):


C. S. Bowyer (Univ. California, Berkeley), C.-I. Meng (APL), and S. Chakrabarti (Univ. California, Berkeley), “EUV Emissions for Monitoring Aurora”;


M. Canditi (National Research Council, Italy) and C.-I. Meng (APL), “Conjugacy of the Polar Cusp Regions”;


A. T. Y. Lui, “Association between Energetic Proton Beams and Broadband Electrostatic Noise in the Earth’s Magnetosphere”;

C.-I. Meng (APL) and R. E. Huffman and D. A. Hardy (Air Force Geophysics Lab.), “EUV Aurora and Electron Precipitation Observed by HILAT”;

D. G. Mitchell and D. J. Williams, “Energetic Particle Angular Distributions in the Plasma Sheet—ISEE 1”;

D. G. Mitchell and D. J. Williams (APL) and T. E. Eastman (Univ. Iowa), “Energetic Particle Observations in the Low Latitude Boundary Layer”;

M. T. Paonessa and A. F. Cheng, “Radial Diffusion in Saturn’s Inner Magnetosphere”;


Reinhard (European Space Research and Technology Centre), E. C. Rofeld (APL), and P. van Nes, T. R. Sanderson, and K.-P. Wenzel (European Space Research and Technology Centre), “Diffusion Coefficients of Low Energy Protons Upstream of Quasi-Parallel Interplanetary Shocks”;


E. C. Rofeld, “‘Imaging’ the Ring Current Using Energetic Neutral Atoms Measured by ISEE 1”;

T. R. Sanderson and P. van Nes (European Space Research and Technology Centre), E. C. Rofeld (APL), and K.-P. Wenzel (European Space Research and Technology Centre), “Dynamics of Large Mag-
netic Discontinuities within an Energetic Storm Particle Event”;
P. van Nes (European Space Research and Technology Centre), E. C. Roelof (APL), and R. Reinhard, T. R. Sanderson, and K.-P. Wenzel (European Space Research and Technology Centre), “A Major Shock-Associated Energetic Storm Particle Event Wherein the Shock Plays a Minor Role”;

COLLOQUIA

Mar 15—“Star Wars: Boon or Bane?” R. L. Garwin, IBM Thomas J. Watson Research Center.
Apr 12—“Laser-Induced Chemistry for Microelectronics,” R. M. Osgood, Jr., Columbia University.
Apr 19—“Tracking Birds by Satellite,” M. Fuller, Patuxent Wildlife Research Center.
Apr 26—“Solitons in Optical Fibers and the Soliton Laser,” L. F. Mollenauer, AT&T Bell Laboratories.