

CEDAR 1988

POSTERS (6/3/88)

We have 13 poster boards (front-side only) of four feet tall by seven feet wide. We can have a maximum of 26 posters which are 4 x 3 1/2 each. An asterisk means the authors have asked for the full 7 foot width. Contingent upon availability, their requests will be granted. Posters will be shown at NBS in Rooms 1103-1105 Thursday, June 9, between 10:30 and 12:30. Please mount your poster that morning and take it down during the lunch break. The poster boards will be marked with the poster numbers.

1. Abreu, V.J. and W.R. Skinner, "The CCD as an Imaging Device for a Fabry-Perot Interferometer."
2. Avery, J.P., S.K. Avery, B.B. Balsley, T. Clancy, M. Leovey, R. Obert, A.D. Richmond, J.S. VanBaelen and R.A. Vincent, "Radar Studies of the Coupling of Atmosphere Regions."
3. Barlett, D., W. Harris and S. Windleman, "Investigation of the O<sup>+</sup> - O collision crosssection using the DE-2 data base."
4. Batista, I.S., J.M. Forbes and D.N. Anderson, "Self-Consistent Electrodynamical Coupling at Low Latitudes."
5. Codrescu, M. and J.M. Forbes, "Storm Effects Derived from Ionosonde Data for the LTCS Campaign of September 1987."
6. Crowley, G., H.C. Carlson, B.A. Emery, K.L. Miller, R.G. Roble and M. Hagan, "Thermospheric Modelling for the Magnetic Storm of September 19, 1984 (ETS-GITCAD)."
7. Dewan, E.M., "Statistical Tests for Causal Correlations Between Time-series Having Large Auto-Correlations: are Sunspot Weather, Correlations Real? A Timely Topic."
8. Emery, B.A., A.D. Richmond, R. Barnes, R.G. Roble, H.A. Passi and R.J. Sica, "Accessing Data from the Incoherent Scatter Data Base at NCAR."
9. Fennelly, J.A., D.G. Torr, P. Richards and H. Dougani, "Inversion of Twilight Optical Measurements to Obtain Neutral Densities of the Thermosphere."
10. Fetzer, E., "LIMS Satellite Instruments Observations of Middle Atmosphere Gravity Waves."
11. Fok, M., L. Kerr and J. Kim, "Analysis of Approximations for the Thermal Balance Among Ion, Electron and Neutral Temperatures."

12. Ishimoto, M., C.I. Meng, *et. al.*, "Anomalous UV Spectra in the Diffuse Auroral Region due to KeV Heavy Particles."
13. Killeen, T.L., F.G. McCormac and R.G. Roble, "Vector Spherical Harmonic (VSH) Model of the Thermosphere."
- 14.\* Knipp, D., "The Use of Localized Satellite Observations in Determining High Latitude Conductances, Electric Fields and Currents."
15. Nardi, B., T.L. Killeen, J.P. Thayer and V.J. Abreu, "Wind Inversion Technique for DE FPI Lower Thermospheric Green Line Measurements."
16. Melendez-Alvira, D., J.C.G. Walker and R.G. Burnside, "Pedersen Current Flow and Zonal Ionospheric Gradients."
17. Melendez-Alvira, D., J.C.G. Walker and R.G. Burnside, "Meridional Gradients in the Night-time F. Region at Arecibo: Theory and Measurements."
18. Richards, P., D.G. Torr, W. Swift, C. Hamilton, P. Bhatt and J. Eun, "Comparison of Model Twilight Airglow Emission Intensities with Scattered Background Emissions."
19. Richmond, A.D., "Optimal Estimation of High-Latitude Ionospheric Electrodynamics from Instantaneous Data."
- 20.\* Ridley, E.C., R.G. Roble, R.E. Dickinson and A.D. Richmond, "A Coupled Thermosphere-Ionosphere General Circulation Model."
21. Solomon, S., "Comparison of Auroral Emissions at 3371Å, 4278Å, and 6300Å."
22. Swift, W., D.G. Torr, M.R. Torr, C. Hamilton and P. Bhatt, "Spectral Extraction from Twilight Airglow."
23. Van Zyl, B., "Lyman- $\alpha$  Emission from  $H^+ + N_2$  and  $H + N_2$  Collisions."
24. Wang, J. and R. Cannata, "Composition Changes in the Thermosphere and Ionosphere in Response to Excess Joule Heating."