

CEDAR 1989 Posters — June 21, 1989

There are 13 poster boards (front-side only) which are four feet tall by seven feet wide. We can have a maximum of 26 posters which are 4 x 3.5 ft each. Posters will be shown at the National Institute of Standards and Technology (NIST, formerly NBS) in the hall outside the main auditorium on Saturday morning, June 24, 1989 between 8:30 and 11:00. Posters can be put up as soon as 7:00 AM and taken down as late as 5:30 PM. Numbers on the poster boards will correspond with numbers on the list of posters to be shown. The list follows and is in order of request for space.

1. W. K. Tobiska, The Lower Thermosphere Density Study.
2. M. Luo, J.-H. Yee, and P. B. Hays, Image plane detector spectrophotometer (IPDS): Application to atmospheric nightglow.
3. R. G. Roble, F. A. Marcos, T. L. Killeen and B. Foster, TIGCM simulations of a geomagnetic disturbed period during equinox solar maximum conditions.
- 3a. R. G. Roble, E. C. Ridley, A. D. Richmond, R. E. Dickinson, and B. Foster, Time-dependant simulations with the NCAR Thermosphere-Ionosphere General Circulation Model (TIGCM). This is a video display on a Sun-4 workstation located in Room 498 of the NCAR Mesa Laboratory. See Ben Foster (Room 498, 497-1595) for viewing during lunch or the afternoon workshop sessions at NCAR.
4. J. A. Fennelly, D. G. Torr, P. G. Richards, W. R. Swift, and M. R. Torr, Retrieval of O₂ densities from OI 6300 A emissions at twilight.
5. P. G. Richards, D. G. Torr, M. J. Buonsanto, and K. L. Miller, The behavior of the electron density and temperature at Millstone Hill during the equinox transition study September 1984.
6. W. R. Swift, D. G. Torr, R. L. Goodwin, G. G. Sivjee, and M. R. Torr, McDonald September 1988 twilight spectrometer comparison campaign.
7. D. G. Torr, W. R. Swift, J. A. Fennelly, P. G. Richards, and M. R. Torr, Instrument and data processing requirements for accurate retrieval of composition and temperature from thermospheric twilight airglow.
8. J. Harlander and F. Roesler, Spatial heterodyne spectroscopy: A new interferometric technique.
9. F. B. Bahsoun-Hamade and R. Wiens, 8446 A emissions in evening twilight.
10. R. Wiens and F. B. Bahsoun-Hamade, 7320 A emissions in twilight.
11. R. Cannata, T. Killeen, G. Gombosi, A. Burns, and R. Roble, Modelling of time-dependent ion upwellings at high geomagnetic latitudes.
12. B. Nardi, T. Killeen, and V. J. Abreu, Volume emission rate profiles of OI (5577 Ang) as measured by satellite borne (Dynamics Explorer-2) Fabry-Perot interferometer.
13. G. Crowley, B. A. Emery, R. G. Roble, H. C. Carlson, J. E. Salah, V. B. Wickwar, K. L. Miller, W. L. Oliver, R. G. Burnside, and F. A. Marcos, Thermospheric dynamics during September 1984 Equinox Transition Study.

14. J. E. Salah, J. Johnson and C. Tepley, Initial incoherent scatter radar results from LTCS.
15. M. E. Hagan, M. J. Buonsanto, R. G. Burnside, G. J. Fraser, J. A. Klobuchar, A. H. Manson, W. K. Tobiska, and V. B. Wickwar, Ionospheric weather during solar minimum.
16. M. E. Hagan, and D. P. Sipler, A comparison of modelled and measured thermospheric winds over Millstone Hill.
17. M. E. Zipf, M. A. Biondi, and D. P. Sipler, Automated optical observatories based on the IBM-PC/AT system.
18. J. S. Van Baelen, T. Tsuda, A. D. Richmond, S. K. Avery and S. Kato, Comparison of VHF Doppler beam swinging and spaced antenna observations with the MU radar: First results.
19. J. Wang, P. Hays, S. Roland, and D. Drayson, Atmospheric temperature sensing with a multi-order Fabry-Perot interferometer.
20. E. S. Trudell, F. G. McCormac, T. L. Killeen, J. P. Thayer, and M. J. Turnbull, Monochromatic all-sky images of polar aurora and their effect on the thermodynamic and hydrodynamic behavior of the neutral atmosphere.
21. M. Codrescu, R. G. Roble, J. M. Forbes, and B. T. Foster, Latitudinal penetration of geomagnetic storm effects: A comparison between TIGCM and ionosonde data.
22. R. L. Breninger, K. L. Miller, P. G. Richards and D. G. Torr, The solar cycle variation of mid-latitude quiet-time meridional neutral winds.
23. D. J. Knudsen, M. C. Kelley, G. D. Earle, and J. F. Vickrey, Electromagnetic magnetosphere-ionosphere coupling: HILAT satellite measurements compared with a numerical model.
24. M. Champion and S. Franke, Vertical motions in the mesosphere from the Urbana MF radar and a comparison with the Saskatoon radar.
25. D. Offermann, P. Espy, and J. Ulwick, DYANA campaign for the middle atmosphere.
26. R. Huppi, J. Kristl, and T. Hudson, Spectral measurements of atmospheric OH and O₂ NIR airglow with a Michelson FTS and InGaAs detector.