



1989-16

NCAR Scientists Participate in American Geophysical Union National Meeting

The following NCAR scientists are participating in the 1989 American Geophysical Union spring meeting at the Baltimore Convention Center in Maryland, May 8–12, 1989, to discuss scientific research topics and results. Those NCAR participants and the titles of their talks are:

Charles Chappell, Atmospheric Technology Division, invited paper, "Flash Flood Forecasting in the Future."

Robert Chatfield, Atmospheric Chemistry Division (ACD), "Perturbed Nitrogen Chemistry above the Rain Forests As It Influences Widespread Tropospheric Ozone Production."

Mihail Codrescu, High Altitude Observatory (HAO), "Magnetic Storm Effects: A Comparison Between TIGCM and Ionosonde Data," and "Latitudinal Penetrations of Geomagnetic Storm Effects: A Comparison Between TIGCM and Ionosonde Data," co-authored with Raymond Roble, HAO.

Robert Dickinson and **Anthony Slingo**, Climate and Global Dynamics Division (CGD) are co-chairing a session on Clouds and Climate. Slingo is also giving a paper, "Effect of a New Cloud Radiative Property Parameterization on GCM Simulations," at the session.

Filippo Giorgi, CGD, "Hydrologic Budgets of the Western United States."

Barbara Emery, HAO, "Ionospheric Convection Patterns Deduced from Radar and Magnetometer Observations for the SUNDIAL Period of September 22–26, 1986," co-authored with Arthur Richmond, HAO, and a co-author with Raymond Roble et al. on "Thermospheric Neutral Winds Derived from Incoherent-Scatter Radar Observations during the September-October 1986 SUNDIAL Campaign," a paper submitted by V.B. Wickwar, Utah State University.

Arthur Hundhausen, HAO, invited paper, "Step One: Solar Activity and the Solar Wind."

Arthur Richmond, HAO, two invited papers, "Ionospheric Dynamo Electric Fields," and "Magnetosphere-Ionosphere Coupling." He is the sole author of "Parameters of High-Latitude Ionospheric Electrodynamical Activity Obtained from Synthesis of Global Data Sets," and a co-author of "Conductance Patterns for 19 September 1984 Equinox Transition Study," and "Electrodynamical Coupling in the Mid-Latitude Ionosphere."

Raymond Roble, HAO, "Thermosphere and Ionosphere Dynamics During 20–30- March 1979: Model Simulations," and a co-author of "The Thermospheres of Venus and Mars: A Comparison," "An Empirical Model of the Thermosphere Based on Observations from Dynamics Explorer and the NCAR-TCGM," "A Kinematic Analysis of the Neutral Circulation in the Polar Thermosphere: Observations and Model," and "Thermosphere and Ionosphere Dynamics During 20–30 March, 1979 Period: Comparison of TIGCM Calculated Densities with Observations."

Michael Spall, CGD, "Primitive Equation Modeling and Analysis of Gulf Stream Ring Formation Events."

Update Contact: Joan Vandiver Frisch, NCAR Director's Office, (303) 497-8720