



1990-44

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## NCAR Scientists Present Papers for Fall American Geophysical Union Meeting

Six NCAR scientists have been invited to present professional papers at the American Geophysical Union (AGU) Fall Meeting in San Francisco, December 3-7, 1990. Thirty more NCAR scientists who have authored or coauthored papers will also present their work.

Guy Brasseur of the Atmospheric Chemistry Division (ACD), Gerald Meehl and Stephen Schneider of the Climate and Global Dynamics Division (CGD), Richard Fisher and Raymond Roble of the High Altitude Observatory (HAO), and Richard Dirks of the Mesoscale and Microscale Meteorology Division (MMM) are the invited six.

NCAR also will send three scientists to preside over AGU sessions: Barbara Emery (HAO), Equatorial Ionosphere session; Rolando Garcia (ACD), Coupling Between Lower and Upper Atmosphere session; and John Gille (ACD), Stratospheric Chemistry II session.

AGU meeting attendees will be able to see the Scientific Computing Division's (SCD) exhibit promoting its graphics package and can also sample a variety of research subjects among NCAR presentations. This year's papers are on geomagnetic activity on the equatorial thermosphere; paleoclimatic modeling; the NASA Solar Physics program; the effect of increasing trace gases on middle atmosphere photochemistry; polar stratospheric cloud particles; and many other topics.

In addition to the above, the following staff from ACD have authored or coauthored papers for the AGU meeting:

Elliot Atlas  
Gordon Brailsford  
Christine Ennis  
Claire Granier  
James Greenberg  
Leroy Heidt  
Ralph Keeling

Michael Keller  
Allan Lazrus  
Shao-Meng Li  
Walter Pollack  
James Smith  
Stanley Tyler  
Patrick Zimmerman

The Atmospheric Technology Division has three authors or coauthors: Darrel Baumgardner, Gregory Kok and Richard Schillawski.

Meehl and Schneider represent CGD, SCD is represented by Gerald Browning, and MMM is represented by Dirks and James Dye.

In addition to Emery, Fisher and Roble, authors or coauthors from HAO include:

Maura Hagan  
Thomas Holzer  
Victor Pizzo  
Arthur Richmond

Cicely Ridley  
Edward Shoub  
David Sime

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