

附特邀嘉宾简介：

### **1. Christine McEntee, AGU Executive Director/CEO**



Christine McEntee, AGU's Executive Director/Chief Executive Officer (CEO), is orchestrating major changes for the organization.

Since her arrival in September 2010, McEntee has guided AGU through a realignment that reflects the programs and goals of its strategic plan. As outlined, the strategic plan will modernize AGU and make it more responsive to the needs of its 61,000 members. Other accomplishments during her tenure to date include building strategic partnerships with allied Earth science organizations in the United States and internationally; modernizing AGU's journals and publication; and broadening use of social media to reach members. In a summer 2011 interview, McEntee observed, "When I arrived, I expected that the organization was very committed to building on its base of scientific leadership and finding the best way to get that voice better heard outside of the scientific community. Since then, I think we've made a good deal of progress."

With its strategic foundation strengthened, AGU will continue to educate scientists, policymakers, and the general public about the importance of the Earth from its core to the deepest reaches of space.

Christine McEntee, AGU's Executive Director/CEO, speaks about opportunities and challenges for the world's largest organization of Earth and space scientists, her experience as CEO of professional societies, and how it will benefit AGU and its members.

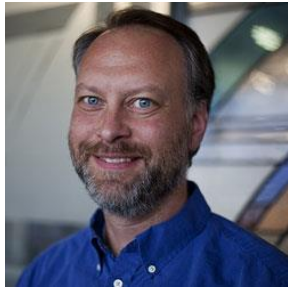
### **2. Brooks Hanson, Sr. Vice President, Publications**



Brooks Hanson, AGU's Sr. Vice President of Publications has been an AGU member for more than 30 years. His first paper was published in *JGR-Red*, and had a recent paper in *Tectonics*. Before arriving at AGU, he served as the Deputy Editor for Physical Sciences at *Science* and earlier as an editor at *Science*. Brooks has a Ph.D. in Geology from UCLA and held a post-doctoral appointment at the Department of Mineral Sciences, Smithsonian Institution. He

likes gardening, cooking, making beer, hiking, sea-kayaking, birding, and fly fishing. Brooks has two daughters, one who just recently returned from several years living in Beijing, China, and the other attending Bucknell University. His partner Laura works at Slate, and they live in Rockville, Maryland.

### **3. Michael Liemohn, Editor in Chief, JGR: Space Physics, Professor, University of Michigan**



Ph.D., M.S., Atmospheric and Space Science, University of Michigan. Plasma transport in the ionosphere and magnetosphere of the Earth and other solar system bodies.

Specializations and Research Interests: Energetic particle transport in the Earth's inner magnetosphere, Electron and ion transport in the Mars space environment, Kinetic theory and modeling, Interactions between hot and cold plasma components, Plasmaspheric dynamics and modeling, Ring current dynamics and modeling, Global magnetospheric dynamics and modeling, Mars pick-up ion sources, motion, and fate, Solar wind and photoelectrons in the strong crustal field region of Mars, Plasma wave excitation and wave-particle interactions, Giant planet plasma dynamics, Solar wind electron physics.

***Honors, Awards and Accomplishments***

Outstanding Research Scientist Award, University of Michigan, 2002

Awarded National Research Council Resident Research Associateship at the NASA Marshall Space Flight Center

**4. Andrew Yau, Editor, Geophysical Research Letters, Professor, University of Calgary**



PhD - Physics (Experimental Space Science), York University

Research interests: Advanced satellite-borne plasma instrumentation and mass spectrometry and Aeronomy and plasma composition and dynamics in planetary ionosphere, plasmasphere, and magnetosphere

Highlight of Space Research Experience

Mission Scientist: Canadian CASSIOPE e-POP Satellite Mission (2003-present)

Principal Investigator (PI): Canadian sounding rocket campaigns (3) (1983-2009)

PI - satellite instruments: Nozomi Thermal Plasma Analyser (TPA) (1995-2003)

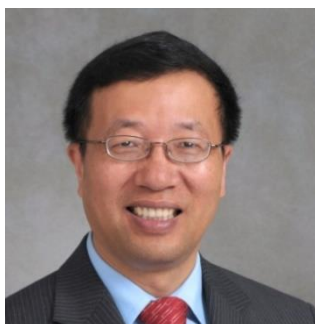
Akebono Suprathermal Mass Spectrometer (SMS) (1995-2001)

Co-I - satellite instruments: Freja Cold Plasma Analyser (CPA) (1985-1989)

Akebono Suprathermal Mass Spectrometer (1984-1994)

DE-1 Energetic Ion Composition Spectrometer (EICS) (1981-1988)

**5. Minghua Zhang, Editor in Chief, JGR: Atmospheres, Professor, Stony Brook University (On partial leave at the Chinese Academy of Sciences)**



Ph.D., Institute of Atmospheric Physics, Academia Sinica

Research Interests

His research concerns numerical modeling of climate and global climate change. This includes development and analysis of parameterization components in general circulation models, diagnostic study of physical processes and feedback processes in

the climate system, modeling and analysis of past and future climate changes, by using models and satellite measurements as well as other observations.

His main focus on parameterization development is about moist processes related to clouds, radiation, convections, boundary layer physics and their interactions, with the goal of improving global models to more accurately predict climate change on a wide range of time scales. For this purpose, He is involved in several field experiments that collect comprehensive upper air and surface data within an atmospheric column. He works on analyzing these field experimental data and interface them with physical parameterizations in atmospheric models.

He is also interested in the study of the dynamics of large-scale atmospheric waves. They study the excitation, propagation, dissipation of atmospheric waves and their influences on the variability of atmospheric circulation. A better knowledge of the behavior of these waves will improve our understanding of the weather and short-term climate variations.