

FRED FEHSENFELD SCIENCE SYMPOSIUM

NOAA Earth System Research Laboratory (ESRL), Chemical Sciences Division (CSD)
Cooperative Institute for Research in Environmental Sciences (CIRES)
David Skaggs Research Center (Building 33), Multipurpose Room (GC402)
Boulder, Colorado 80305-3337

AGENDA

Wednesday, 24 September 2008

Ion-molecule chemistry session (Chair, David Fahey)

- 1:00 pm Welcome/Logistics
David Fahey and A.R. Ravishankara, NOAA/ESRL/Chemical Sciences Division
- 1:15 pm Going with the flow
Eldon Ferguson, NOAA (retired)
- 1:45 pm Negative ion photodetachment: A tool to elucidate the structure and dynamics of small radicals
Carl Lineberger, University of Colorado at Boulder/JILA
- 2:15 pm Studies of interstellar chemistry with the flowing afterglow: New results from a classic technique
Veronica Bierbaum, University of Colorado at Boulder
- 2:45 pm BREAK**
- 3:15 pm Chemistry of doubly-charged atomic ions (revisited)
Diethard Bohme, York University
- 3:45 pm Production and destruction of SF_6^- : Detailed examination of electron attachment to SF_6 and recombination with Ar^+
Al Viggiano, Air Force Research Laboratory
- 4:15 pm How sure are you? Science and life in the uncertainty lane
Joel Tellinghuisen, Vanderbilt University
- 4:45 pm Discussion and Comments
- 5:15 pm Adjourn

Thursday, 25 September 2008

Tropospheric chemistry and environmental science session (Chair, Jim Meagher)

- 8:45 am Welcome/Logistics
David Fahey and A.R. Ravishankara, NOAA/ESRL/Chemical Sciences Division
- 9:00 am Fred's excellent adventure in the haze - regional that is
Bill Chameides, Duke University
- 9:30 am An observation based method for studying ozone formation and control strategies in mega-cities
Shaw Liu, Research Center for Environmental Changes, Academia Sinica

- 10:00 am NARE as seen from the other side of the Pond
Stuart Penkett, University of East Anglia
- 10:30 am BREAK**
- 11:00 am Discovering reactive nitrogen in the troposphere: From Greyhound bus to jet aircraft and beyond
Hanwant Singh, NASA Ames Research Center
- 11:30 am Can intercontinental pollutant transport really affect local air quality on downwind continents?
David Parrish, NOAA/ESRL/Chemical Sciences Division
- 12:00 pm New looks at old plumes using the P-3
Tom Ryerson, NOAA/ESRL/Chemical Sciences Division
- 12:30 pm CATERED LUNCH (Outreach Classroom, GB-124)**
- Tropospheric chemistry and environmental science session (cont'd) (Chair, Jim Roberts)**
- 1:30 pm Plumes over forest and fields
Michael Trainer, NOAA/ESRL/Chemical Sciences Division
- 2:00 pm From ions to trace-gas detectors and organic carbon in the atmosphere
Joost DeGouw, NOAA/ESRL/Chemical Sciences Division
- 2:30 pm The Texas Air Quality Studies: State of the science of air quality in Texas and implications for air quality policies
David Allen, University of Texas at Austin
- 3:00 pm BREAK**
- 3:30 pm Making aerosols measurements with rocket scientists
Tim Bates, NOAA/Pacific Marine Environmental Laboratory
- 4:00 pm Medical aerosols to improve global health
Bob Sievers, CIRES, University of Colorado at Boulder
- 4:30 pm A shared perspective
David Fahey, NOAA/ESRL/Chemical Sciences Division
- 5:00 pm Discussion and Comments
- 5:30 PM Adjourn

**Evening Banquet – Hotel Boulderado – 2115 13th Street – Boulder
Dan Albritton (NOAA, retired) – Speaker/Chair**

- 6:30 pm Cocktails in the Atrium (open bar)
- 7:15 pm Seating for dinner in the Conference Room