AAAR Annual Conference Overview

Monday, October 20, 2003
8:00 AM - 9:40 AM  Tutorial Session 1
1. Introduction to Aerosol Mechanics I, Dr. William C. Hinds
2. Particle Control Techniques, Dr. David Leith
3. Aerosol Nucleation, Dr. Barbara Wyslouzl
4. Bioaerosols: Extending Non-Culture Based Methods for Characterizing Microorganisms in Air, Dr. Mark Hernandez

10:00 AM - 11:40 AM  Tutorial Session 2
5. Introduction to Aerosol Mechanics II, Dr. William C. Hinds
6. Indoor Aerosols, Dr. William W. Nazaroff
7. An Intuitive Approach to Light Scattering from Single Particles and Aggregates, Dr. Chris Sorensen
8. Filter-Based Aerosol Sampling and Analysis, Dr. Judith Chow

1:00 PM - 2:40 PM  Tutorial Session 3
9. Particle Transport Modeling, Dr. Daniel J. Rader
10. Analytical Methods for Source Apportionment Dr. James J. Schauer
11. Secondary Aerosol Formation, Dr. Paul J. Ziemann
12. Aerosols and the Respiratory Tract: A Primer, Dr. Maura J. Sheehan

3:00 PM - 4:40 PM  Tutorial Session 4
13. Modeling Atmospheric Aerosols, Dr. Spyros Pandis
14. Chemical Mass Balance Receptor Modeling, Dr. John G. Watson
15. Photochemistry of Atmospheric Particles and Aqueous Drops, Dr. Cort Anastasio
16. Physiological Responses to Inhaled Particles, Dr. Owen R. Moss

Tuesday, October 21, 2003
8:00 AM - 9:00 AM  Plenary #1
Observations of New Particle Formation and Growth Rates in the Atmosphere, Dr. Peter H. McMurry
Presentation of the Liu Award

9:30 AM - 10:45 AM  Platform Session #1
1A Fundamental Aerosol Physics
1B Marine Aerosols
1C Nucleation and Ultrafine Aerosol
1D Size-Resolved Sampling
1E Materials Synthesis and Aerosol Analysis

11:00 AM - 12:35 PM  Platform Session #2
2A Nanoparticles I
2B Climate/Remote Sensing/Free Troposphere
2C Rural Aerosols
2D Aerosol Chemistry I
2E Control Technology I

12:35 PM - 2:00 PM Lunch on your own

2:00 PM - 3:15 PM  Platform Session #3
3A Particle Transport
3B Long-Range Transport
3C Source Apportionment I
3D Aerosol Instrumentation
3E Combustion and Environmental Aerosol Formation I

3:45 PM - 5:00 PM  Platform Session #4
4A Indoor Aerosols I
4B Filtration
4C Source Apportionment II
4D Long-Range Transport
4E Sampling Inlets

5:00 PM  AAAR Annual Business Meeting

6:00 PM - 8:30 PM  Poster Session #1 and Exhibitor’s Reception
AAAR Annual Conference Overview

**Wednesday, October 22, 2003**

8:00 AM - 9:00 AM  
**Plenary #2**
Emissions-to-Intake Relationships for Air Pollution Sources,  
*Dr. William W. Nazaroff*
Presentation of the Friedlander Award

9:30 AM - 10:45 AM  
**Platform Session #5**
5A Indoor Aerosols II  
5B Toxics & Plume Chemistry  
5C Emissions I  
5D Control Technology II  
5E Soot and Inorganic Particle Formation

11:00 AM - 12:35 PM  
**Platform Session #6**
6A Exposure Assessment I  
6B California Regional Particulate Air Quality Study  
6C Aerosol Chemistry II  
6D Urban Aerosol  
6E Condensation

12:35 PM - 2:40 PM  
**Poster Session #2 and Exhibits , Lunch Provided**

2:40 PM - 4:35 PM  
**Platform Session #7**
7A Exposure Assessment I  
7B California Regional Particulate Air Quality Study  
7C Heterogeneous Aerosol Chemistry I  
7D Urban/Regional Aerosol  
7E Emissions II

5:00 PM  
**Working Group Meetings**

Alumni Dinner Night (self organized)

**Thursday, October 23, 2003**

8:00 AM - 9:00 AM  
**Plenary #3**
Electrospray Wings for Molecular Elephants,  
*Dr. John Fenn*
Presentation of the Whitby Award

9:30 AM - 10:45 AM  
**Platform Session #8**
8A Chemical and Biological Agent Detection 1  
8B Deposition: Modeling  
8C Clouds & Fog  
8D Bioaerosols & Biomass Burning  
8E Combustion and Environmental Aerosol Formation II

11:00 AM - 12:35 PM  
**Platform Session #9**
9A Heterogeneous Aerosol Chemistry II  
9B Deposition: Experimental  
9C Carbonaceous Aerosol  
9D Numerical Modeling of Regional Aerosols I  
9E Field Instrumentation

12:35 PM - 2:10 PM  
Lunch on your own

2:10 PM - 4:25 PM  
**Platform Session #10**
10A Heterogeneous Aerosol Chemistry III  
10B Chemical and Biological Agent Detection  
10C Carbonaceous Aerosol  
10D Analytical Techniques & Methods Intercomparison  
10E Mass Spectrometry

4:30 PM - 6:30 PM  
**Poster Session #3 and Exhibits, Refreshments**

6:30 PM  
AAAR 2004 Planning Meeting
AAAR Annual Conference Overview

Friday, October 24, 2003
8:00 AM - 9:00 AM  
**Plenary #4**
Understanding the Health Effects of Air Pollution: An Epidemiologist's Quagmire, *Dr. Paige E. Tolbert*
Presentation of the Sinclair Award, announcement of the Mercer Award

9:30 AM - 10:50 AM  
**Platform Session #11**
11A Health-Related Aerosols and Related Instrumentation
11B Clouds & Fog
11C Numerical Modeling of Regional Aerosols II
11D Particle Synthesis and Diagnostics I
11E Composition Measurement

11:10 AM - 12:30 PM  
**Platform Session #12**
12A Atmospheric Aerosol Advances
12B Clouds & Fog
12C Numerical Modeling of Regional Aerosols III
12D Particle Synthesis and Diagnostics
12E Nanoparticles II

12:30  
**Conference Ends**