

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 Wyslouzil*
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