

SCHEDULE AT A GLANCE

SUNDAY, OCTOBER 3

5:00 PM - 9:00 PM

Registration - Grand Hall East Foyer

Speaker Ready Room - Williams

8:30 PM - 9:30 PM

Student Assistants Orientation- Edgewood

MONDAY, OCTOBER 4

7:00 AM - 8:00 PM

Registration- Grand Hall East Foyer

Speaker Ready Room- Williams

7:00 AM - 8:00 AM

Coffee Service - Hanover Foyer

8:00 AM – 9:40 AM

Tutorial Session 1

1. Intro to Aerosol Mechanics I - Hanover C

Dr. William C. Hinds

2. PM_{2.5} Measurement and Characterization - Hanover D

Dr. Jay R. Turner

3. CANCELLED: Understanding and Predicting the Gas/Particle Partitioning of Organic Compounds Using Elementary Theoretical Concepts - Hanover E

Dr. James Pankow

4. Aerosols and Climate Change - Hanover F

Dr. Stephen E. Schwartz

9:40 AM - 10:00 AM

Refreshment Break - Hanover Foyer

10:00 AM – 11:40 AM

Tutorial Session 2

5. Intro to Aerosol Mechanics II - Hanover C

Dr. William C. Hinds

6. Semicontinuous Measurement of Aerosol Chemical Composition - Hanover D

Dr. Rodney Weber

7. Secondary Organic Aerosol Formation - Hanover E

Dr. Richard Kamens

8. Bioaerosols: Extending Non -Culture Based Methods
for Characterizing Microorganisms and Primary
Biological Materials in Air - Hanover F
Dr. Mark Hernandez

11:40 - 1:00 PM

Lunch On Own

12:00 PM - 5:00 PM

Exhibitor Set Up - Grand Hall East

Poster #1 Set Up - Grand Hall East

1:00 PM - 2:40 PM

Tutorial Session 3

9. Aerosol Mass Spectrometry, Part 1: Laser Ablation
Techniques - Hanover C
Dr. Daniel J. Cziczo

10. Heterogeneous Chemistry - Hanover D
Dr. Michael Mozurkewich

11. Inside Out: Factors Affecting the Indoor
Concentration of Outdoor Aerosols - Hanover E
Melissa Lunden

12. Particles from Engines: Formation and Measurement -
Hanover F
Dr. David Kittelson

2:40 PM - 3:00 PM

Refreshment Break - Hanover Foyer

2:00 PM - 5:00 PM

Executive Committee Meeting - Hanover A

3:00 PM - 4:40 PM

Tutorial Session 4

13. Aerosol Mass Spectrometry, Part 2: Thermal
Desorption Techniques - Hanover C
Prof. Jose-Luis Jimenez

14. Respiratory Dose Assessment of Inhaled Particles in
the Human Lungs - Hanover D
Dr. Chong Kim

15. Regional Modeling of Aerosols - Hanover E
Dr. Betty K. Pun

16. Aerosols in Nanotechnology - Hanover F
Dr. Richard C. Flagan

5:00 PM - 6:00 PM

Development Committee Meeting - Hanover B

6:00 PM - 8:00 PM

Welcome Reception, Exhibits Open & Poster #1
Advanced Poster Viewing - Grand Hall East

TUESDAY, OCTOBER 5

7:00 AM – 6:30 PM

Registration - Grand Hall East Foyer
Speaker Ready Room - Williams

7:00 AM – 8:00 AM

Coffee Service - Centennial III Foyer

7:00 AM – 8:00 AM

Newsletter Committee Meeting - Edgewood
Finance Committee Meeting - Greenbriar

8:00 AM - 9:00 AM

Plenary Session #1 - Centennial III

8:00 AM – 8:05 AM

Welcome Announcements

8:05 AM – 8:15 AM

Presentation of the Thomas T. Mercer Joint Prize
Winner

8:15 AM – 9:00 AM

Recent Aspects of Inhaled Particles Dosimetry,
Wolfgang G. Kreyling

9:00 AM – 9:20 AM

Refreshment Break - Baker and Hanover Foyers

9:00 AM – 6:30 PM

Exhibits & Posters #1 Open - Grand Hall East

9:20 AM – 10:50 AM

Platform Session #1

1A Special Symposium: Microdosimetry & Targeting of
Inhaled Particles and Drug Aerosols, Microdosimetry
Assessment: Mathematical and Computational Models
- Dunwoody

1B Instrumentation - Courtland

1C Aerosol Chemistry I - Hanover FG

1D Special Symposium: Aerosols and Climate
Change/Indirect Effects, Cloud Droplet
Interactions - Hanover DE

1E Source/Emissions Characterization 1 - Baker

11:10 AM – 12:40 PM

Platform Session #2

- 2A Special Symposium: Microdosimetry & Targeting of Inhaled Particles and Drug Aerosols, Microdosimetry Assessment: Novel Experiments - Dunwoody
- 2B Mobility Sizing Instrumentation - Courtland
- 2C Aerosol Chemistry II - Hanover FG
- 2D Special Symposium: Aerosols and Climate Change/Indirect Effects, Modeling of Indirect Effects - Hanover DE
- 2E Source/Emissions Characterization II - Baker

12:30 PM – 2:00 PM

Board of Directors Lunch Meeting - Greenbriar

12:40 PM – 2:00 PM

Lunch on Own

2:00 PM – 3:30 PM

Platform Session #3

- 3A Drug Delivery - Dunwoody
- 3B Aerosol Sampling Techniques - Courtland
- 3C Vehicular Exhaust and PM Analyzers - Hanover FG
- 3D Special Symposium: Aerosols and Climate Change/Indirect Effects, Aerosol Optical Properties - Hanover DE
- 3E Particle Transport - Baker

3:30 PM – 3:45 PM

Refreshment Break - Baker and Hanover Foyers

3:45 PM – 4:30 PM

AAAR Annual Business Meeting - Hanover FG

4:30 PM – 6:30 PM

Poster Session #1 & Refreshment Break - Grand Hall East

7:00 PM

International (NEW!) and Alumni Dinners
(Self-Organized/Sign-Up at Registration Desk)

WEDNESDAY, OCTOBER 6

7:00 AM – 8:00 PM

Registration - Grand Hall East Foyer
Speaker Ready Room - Williams

7:00 AM – 8:00 AM

Coffee Service - Centennial III Foyer

7:00 AM – 8:00 AM

Publications Committee Breakfast Meeting - Marietta
Working Group Chair Strategic Breakfast Meeting -
Hanover C

8:00 AM – 9:00 AM

Plenary Session #2 - Centennial III

8:00 AM – 8:05 AM

Announcements

8:05 AM – 8:15 AM

Presentation of the David Sinclair Award

8:15 AM – 9:00 AM

Particulate Matter Modeling and Reconciling PM
Source Apportionment Methods, A.G. (Ted) Russell

9:00 AM – 9:20 AM

Refreshment Break - Dunwoody and Hanover Foyers

9:00 AM – 2:00 PM

Poster #1 Move Out - Grand Hall East

9:00 AM – 8:00 PM

Exhibits Open - Grand Hall East

9:20 AM – 10:50 AM

Platform Session #4

- 4A Special Symposium: Microdosimetry & Targeting of Inhaled Particles and Drug Aerosols, Microdose-Response Relationship - Dunwoody
- 4B Combustion and Environmental Particle Formation I - Courtland
- 4C Special Symposium: Characterization and Health Effects of Ambient Southeastern U.S. Aerosol I - Hanover FG
- 4D Carbonaceous Aerosols I - Hanover DE
- 4E Cloud Condensation Nuclei/Hygroscopicity - Hanover AB

11:10 AM – 12:40 PM

Platform Session #5

- 5A Special Symposium: Microdosimetry & Targeting of Inhaled Particles and Drug Aerosols, Targeted Delivery of Aerosol Drugs - Dunwoody
- 5B Filtration - Courtland
- 5C Special Symposium: Characterization and Health Effects of Ambient Southeastern U.S. Aerosol II - Hanover FG
- 5D Carbonaceous Aerosols II - Hanover DE
- 5E Chemical Characterization of Atmospheric Aerosols 1 - Hanover AB

12:40 PM – 2:00 PM

Lunch on Own

12:45 PM – 2:00 PM

AS&T Editorial Luncheon - Hanover C

1:00 PM – 2:00 PM

Awards Committee Meeting - Harris

Internet Committee Meeting - Marietta

2:00 PM – 3:30 PM

Platform Session #6

- 6A Deposition in the Lung - Dunwoody
- 6B Combustion and Environmental Particle Formation II - Courtland
- 6C Special Symposium: Characterization and Health Effects of Ambient Southeastern U.S. Aerosol III - Hanover FG
- 6D Carbonaceous Aerosol Analysis Instrumentation - Hanover DE
- 6E Aerosol Physical Properties - Hanover AB

2:30 PM – 5:30 PM

Poster #2 Set Up - Grand Hall East

3:30 PM – 3:45 PM

Refreshment Break - Hanover Foyer, Dunwoody & Courtland

3:45 PM – 4:45 PM

Working Group Meetings #1

- Aerosol Physics - Harris
- Atmospheric Aerosol - Hanover C
- Indoor Aerosol - Marietta
- Control Technology - Piedmont
- History of Aerosol Science -Spring

4:45 PM – 5:45 PM

Working Group Meetings #2

- Instrumentation – Hanover C
- Combustion/ Materials – Marietta
- Health Related Aerosols – Piedmont
- Fundamental Aerosol Chemistry –Spring

6:00 PM – 8:00 PM

Exhibitor Reception & Posters #2 Advanced Poster Viewing - Grand Hall East

THURSDAY, OCTOBER 7

7:00 AM – 6:00 PM

Registration - Grand Hall East Foyer

Speaker Ready Room - Williams

7:00 AM - 8:00 AM

Coffee Service - International Ballroom Foyer

7:00 AM – 8:00 AM

Long Range Planning Committee Breakfast Meeting-
Baker

Membership Committee Meeting - Edgewood
2006 Planning Committee Meeting - Fairlie

8:00 AM – 9:00 AM

Plenary Session #3 - International Ballroom

8:00 AM – 8:05 AM

Announcements

8:05 AM – 8:15 AM

Presentation of the Kenneth T. Whitby Award

8:15 AM – 9:00 AM

Studying the Reactivity of Nanoaerosols, Michael R.
Zachariah

9:00 AM – 9:20 AM

Refreshment Break - Baker and Hanover Foyer

9:00 AM – 3:00 PM

Exhibits Open - Grand Hall East
Posters #2 Open - Grand Hall East

9:20 AM – 10:50 AM

Platform Session #7

- 7A Atmospheric Aerosol Modeling I - Courtland
- 7B Special Symposium: Heterogeneous & Multiphase
Chemistry I - Hanover DE
- 7C Health Related Aerosol Characterization I -
Hanover FG
- 7D Aerosol Synthesis of Nanomaterials I - Hanover AB
- 7E Indoor Aerosols I - Dunwoody

11:00 AM – 12:40 PM

Platform Session #8

- 8A Urban/Regional PM I - Courtland
- 8B Special Symposium: Heterogeneous & Multiphase
Chemistry II - Hanover DE
- 8C Indoor Aerosols II - Hanover FG
- 8D Aerosol Synthesis of Nanomaterials II - Hanover AB
- 8E Chemical Characterization of Atmospheric
Aerosols II - Dunwoody

12:40 PM – 2:40 PM

Poster Session #2 & Boxed Lunch - Grand Hall East

1:00 PM - 2:00 PM

Bylaws Committee Meeting - Edgewood

2:50 PM – 4:10 PM

Platform Session #9

- 9A Combustion Aerosol Control- Courtland
- 9B Special Symposium: Heterogeneous & Multiphase Chemistry III- Hanover DE
- 9C Special Symposium: Characterization and Health Effects of Ambient Southeastern U.S. Aerosol IV- Hanover FG
- 9D Aerosol Aggregates- Hanover AB
- 9E Nucleation/Ultrafine Aerosols- Dunwoody

3:00 PM – 6:00 PM

Exhibitor Move - Out - Grand Hall East

4:10 PM – 4:30 PM

Refreshment Break - Dunwoody & Hanover Foyers

4:30 PM – 5:50 PM

Platform Session #10

- 10A Bioaerosol Analysis Instrumentation - Courtland
- 10B Toxicology - Hanover DE
- 10C Special Symposium: Characterization and Health Effects of Ambient Southeastern U.S. Aerosol V - Hanover FG
- 10D Particle Formation Processes - Hanover AB
- 10E Carbonaceous Aerosols III - Dunwoody

6:00 PM – 7:00 PM

2005 Planning Committee Meeting - Hanover C

6:00 PM – 8:00 PM

Posters #2 Open - Grand Hall East

7:00 PM - 8:00 PM

Abstract Committee Meeting - Baker

FRIDAY, OCTOBER 8

7:00 AM – 2:00 PM

Registration - Grand Hall East Foyer

Speaker Ready Room - Williams

7:00 AM – 8:00 AM

Coffee Service - Centennial III Foyer

7:00 AM – 8:00 AM

Incoming Committee Chair Breakfast Meeting - Piedmont

8:00 AM – 9:15 AM

Plenary Session #4 - Centennial III

8:00 AM – 8:10 AM

Announcements and recognition of Board Members and Committee Chairs

8:10 AM – 8:30 AM

Presentation of the Benjamin Y.H. Liu Award and the Sheldon K. Freidlander Award

8:30AM – 9:15 AM

Characterization of Atmospheric Aerosols: Yesterday and Today, Susanne Hering

9:15 AM – 9:30 AM

Refreshment Break - Hanover & Dunwoody Foyers

9:15 AM – 2:00 PM

Poster #2 Move Out - Grand Hall East

9:30 AM – 10:50 AM

Platform Session #11

- 11A Personal Aerosol Samplers – Courtland
- 11B Special Symposium: Heterogeneous & Multiphase Chemistry IV - Hanover DE
- 11C Bioaerosols - Hanover FG
- 11D Soot Formation and Characterization - Hanover AB
- 11E Atmospheric Aerosol Modeling II - Dunwoody

10:50 AM – 11:10 AM

Refreshment Break - Hanover and Dunwoody Foyers

11:10 AM – 12:30 PM

Platform Session #12

- 12A New Concepts in Instrumentation - Courtland
- 12B Special Symposium: Heterogeneous & Multiphase Chemistry V - Hanover DE
- 12C Health Related Aerosol Characterization II - Hanover FG
- 12D Biological and Coarse PM - Hanover AB
- 12E Urban/Regional PM II - Dunwoody

12:30 PM – 5:00 PM

Board of Directors Meeting - Baker