

Tutorials at a Glance

Monday, October 4, 2004

FIRST SESSION: 8:00AM-9:40AM

- Intro to Aerosol Mechanics I
- PM2.5 Measurement and Characterization
- Understanding and Predicting the Gas/Particle Partitioning of Organic Compounds Using Elementary Theoretical Concepts
- Aerosols and Climate Change

SECOND SESSION: 10:00AM - 11:40AM

- Intro to Aerosol Mechanics II
- Semicontinuous Measurement of Aerosol Chemical Composition
- Secondary Organic Aerosol Formation
- Bioaerosols: Extending Non-Culture Based Methods for Characterizing Microorganisms and Primary Biological Materials in Air

THIRD SESSION: 1:00PM-2:40PM

- Aerosol Mass Spectrometry, Part 1: Laser Ablation Techniques
- Heterogeneous Chemistry
- Inside Out: Factors Affecting the Indoor Concentration of Outdoor Aerosols
- Particles from Engines: Formation and Measurement

FOURTH SESSION: 3:00PM - 4:40PM

- Aerosol Mass Spectrometry, Part 2: Thermal Desorption Techniques
- Respiratory Dose Assessment of Inhaled Particles in the Human Lungs
- Regional Modeling of Aerosols
- Aerosols in Nanotechnology