

Join Aerosol Magee Scientific at AAAR 42nd Annual Conference



October 21-25



Albuquerque, New
Mexico, USA



Booths
307 + 309



4 presentations

Hands-On Instrumentation Tutorial

Carbonaceous Aerosol Speciation System (CASS)

Total Carbon Analyzer (TCA08)

+

Aethalometer (AE36s)

=

A revolutionary scientific
OC/EC analyzer CASS



Štefan Ošlaj



Monday, 21 Oct 2024
1:00 pm – 2:40 pm



Hall 3

Quick overview: CASS provides Total Carbon Content (TC), the Elemental Carbon content (EC), the Organic Carbon content (OC) and the Black Carbon content (BC) of suspended aerosol particles in near-real time.

Exhibitor showcase 2

Aethalometer AE36 Measurements: A Comprehensive Guide for Accurate Instrument Set-up and Effective Data Analysis Techniques

Session 7: Platform



Martin Rigler



Wednesday, 23 Oct 2024
3:30 pm – 4:00 pm



Hall 3

Quick overview: a complete preparation and installation of AE36, including the installation of the sampling tube and the size-selective inlet. Practical guidelines and exploration of the technical and scientific aspects of setting up various measurement parameters.

Poster presentation

AE36 Aethalometer: Performance Demonstration and Application of Black Carbon Index

Session 9: Poster - carbonaceous aerosols III: measurements and modeling

Quick overview: presentation of the performance of the AE36 with new features:

- Relative humidity robustness
- Self-cleaning procedure
- Black Carbon index



Martin Rigler



Thursday, 24 Oct 2024
1:00 pm - 3:00 pm



Hall 3

Poster presentation

Exploring the Relationship Between Filter Loading Effect and Aethalometer Multiple Scattering Enhancement Factor C in an Urban Background Site

Session 9: Poster - instrumentation and methods VIII: sampling, generation, facilities

Quick overview: you will learn about a novel method to infer multiple scattering enhancement factor C quantitatively based on dual-spot loading effect parameter



Martin Rigler



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