Agenda for Fourth International SPARTAN Meeting
April 28, 2022, Washington University
Brauer Hall, Room 3015
Agenda (April 22, 2022)

8:30 Coffee, tea, pastries

Overview and context

9:00 Overview & welcome (Randall Martin, WashU)
9:15 Network development (Brenna Walsh, WashU)
9:30 Methodological advancements (Christopher Oxford, WashU)
9:45 Advances in elemental characterization with the XRF (Xuan Liu, WashU)
10:00 Discussion

10:10 Break

Black carbon and broader perspectives

10:30 Analysis of black carbon by image-based reflectance (Michael Brauer, U British Columbia)
10:45 Black carbon measurements from HIPS (Warren White, UC Davis)
11:00 Black and brown carbon from UV-Vis (Joshin Kumar and Rajan Chakrabarty, WashU)
11:15 Perspectives from lab, network, and field measurements (Jay Turner, WashU)
11:30 (Remote Guest) Opportunities for low cost monitoring (Richard Peltier, U Mass Amherst)
11:40 Discussion

11:50 Lunch (Whittemore House)

Organics, scatter, and future directions

1:45 Organic information from FT-IR (Ann Dillner, UC Davis)
2:00 Organic information from AMS (Brent Williams, WashU)
2:15 Evaluating measurements of aerosol scatter and extinction (Yinon Rudich, Weizmann Institute)
2:30 Nephelometer characterization, AirPhoton updates and plans (Rich Kleidman & John Hall, AirPhoton)
2:45 Integration with low-cost monitoring and CAMS-Net (Dan Westervelt, Columbia U)
3:00 (Remote Guest) Integration of low-cost monitoring with multiple platforms (Pratim Biswas, U Miami)
3:10 Discussion

3:20 Break

3:40 Discussion of future analysis opportunities
4:00 Discussion of dissemination, outreach, and virtual meeting
4:15 Group photo
4:20 Lab tour of analytic facilities (weighing, XRF, IC) led by Chris Oxford and Xuan Liu
4:50 AMS led by Chris Oxford and Jhao-Hong

5:30 Dinner (Knight Center)

Informal post-meeting activity

Friday, April 29, 9:30 – 11:30, Discussion of organic aerosol characterization (Green 3120A)
All are welcome.