

AGENDA

- 08:00–08:45 Arrival and registration (coffee & pastries), poster setup
- 08:45–09:00 Welcome and opening remarks: Barbara Finlayson-Pitts and Sergey Nizkorodov
- 09:00–09:45 Invited talk by Prof. **Patrick Ayotte**; Université de Sherbrooke. Talk title: “*A spectroscopist view on fugitive mineral dust emissions from bauxite residues*”
- 09:45–10:15 BREAK, poster setup
- 10:15–11:00 Invited talk by Prof. **Kristie Boering**; University of California, Berkeley. Talk title: “*The effects of stratospheric photochemistry and transport on the isotopic compositions of gases measured at Earth's surface*”
- 11:00–11:30 One-minute poster madness: posters 1-27
- 11:30–1:30 Poster Session I and lunch (available at noon)
- 1:30–2:15 Invited talk by Prof. **Celia Faiola**; University of California, Irvine. Talk title: “*Plant stress emissions alter aerosol composition and properties*”
- 2:15–3:45 One-minute poster madness: posters 28-54
- 3:45–4:45 **Poster Session II** and coffee break
- 4:45-5:30 Invited talk by Prof. **Ying-Hsuan Lin**; University of California, Riverside. Talk title: “*Dynamic characteristics and health effects of atmospheric organic aerosols*”
- 5:30–5:45 Concluding remarks and announcement of the host for the 2023 meeting. Departure.
- 5:45–7:00 Dinner (pre-registration required by June 8th)

About Our Invited Speakers

Prof. Patrick Ayotte

Département de Chimie, Université de Sherbrooke, Quebec, Canada. Research interests include various advanced surface science techniques studying complex reaction dynamics and underlying mechanisms in ice and at its surface; also various modeling and simulations approaches.

Prof. Kristie Boering

Department of Chemistry and Department of Earth & Planetary Science, University of California, Berkeley. Research interests include chemistry and mass transport in Earth's and extraterrestrial atmospheres through kinetics and photochemistry experiments in the laboratory, numerical modeling, and observations from high-altitude aircraft and balloons.

Prof. Celia Faiola

Department of Ecology & Evolutionary Biology and Department of Chemistry, University of California, Irvine. Research interests include biosphere-atmosphere interactions; biogenic volatile organic compounds; plant stress responses to drought, air pollution, etc.; plant-plant communication via airborne signaling.

Prof. Ying-Hsuan Lin

Department of Environmental Sciences, University of California, Riverside. Research interests include environmental toxicogenomics; chemical fate, transport and health effects of atmospheric organic aerosols; brown carbon aerosols; thermal degradation of PFAS; health risks of e-cigarettes and vaping.

Event web site: <https://igasp.org>



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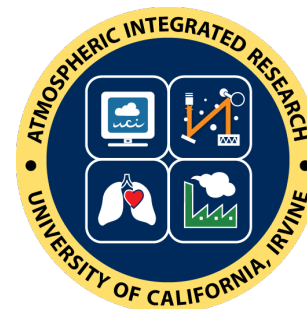
California Analytical Instruments

Informal Gathering on Atmospheric Science and Photochemistry 38th Symposium

*The Beckman Center of the National Academies
of Science and Engineering*

June 15, 2022

Hosted by The AirUCI Institute



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