

ADDENDUM: Changes to Final Program of the 2022 AAAR Annual Meeting

WITHDRAWN PRESENTATIONS

1AC.2*	Multiphase Chemistry in Microdroplets. KEVIN R. WILSON, Alexander Prophet, Megan Willis, <i>Lawrence Berkeley National Laboratory</i>
1HA.3*	Disparities in Ambient Nitrogen Dioxide Pollution in the United States. YIFAN WANG, Liuhua Shi, Wenhao Wang, Edgar Castro, Joel Schwartz, Noah Scovronick, Pengfei Liu, <i>Emory University</i>
1SA.2*	One-Year ACSM Source Apportionment of Organic Aerosol at the Central European Research Station Melpitz. SAMIRA ATABAKHSH, Laurent Poulain, Gang Chen, André S. H. Prévôt, Alfred Wiedensohler, Hartmut Herrmann, <i>Leibniz Institute for Tropospheric Research</i>
2AC.4	Comparison of Secondary Organic Aerosol Generated from the Oxidation of α-Pinene by Hydroxyl Radicals, Chlorine Atmos, and Bromine Atmos in an Oxidation Flow Reactor. ANDREW LAMBE, Anita Avery, Jordan Krechmer, Nirvan Bhattacharyya, Lea Hildebrandt Ruiz, Eunha Kang, William Brune, Harald Stark, Manjula Canagaratna, <i>Aerodyne Research, Inc.</i>
2BC.2	Evaluating the Performance of Commercially Available PM2.5 Instruments and Sensors in Biomass Combustion Smoke. MATTHEW LANDIS, Russell Long, Maribel Colon, Jonathan Krug, Shawn P. Urbanski, <i>Office of Research and Development, U.S. EPA</i>
2HA.13	Characterization of Dust Generated from the Grinding of Natural and Engineered Stones. DREW THOMPSON, Chaolong Qi, <i>NIOSH</i>
2IA.10	Assessing Personal Exposure to Particulate Matter and Black Carbon in Indoor During Cooking. YOUSEF ALSUFAYAN, Haider Khwaja, <i>University at Albany State University of New York</i>
2IA.13	Synthetic Dynamic Background Recipe Development for Biological Testing. ANGELA M. ZEIGLER, Aime P. Goad, Tiffany A. Sutton, Francis M. D'Amico, Jana Kesavan, Gary K. Kilper, Charles E. Davidson, <i>U.S. Army DEVCOM Chemical Biological Center</i>
3AE.2*	Evaluation and Policy Assessment of PM2.5 Health Damages with a Reduced Complexity Model in the United States. MEDINAT AKINDELE, Peter Adams, <i>Carnegie Mellon University</i>
5HA.6*	Imagine and Mapping Smoke Particles Deposited in Rat Lungs with Hyperspectral Microscopy. KAISEN LIN, Patricia Edwards, Laura Van Winkle, Anthony S. Wexler, <i>University of California, Davis</i>
5UA.1*	On the Sensitivity of Secondary Organic Aerosol Formation in the Los Angeles Basin: A Perturbed Chamber Study. RYAN WARD, Benjamin Schulze, Shenglun Wu, Christopher Kenseth, Michael Kleeman, John Seinfeld, <i>California Institute of Technology</i>
7IM.2*	A New Method for Determining Supersaturation in a Static Gradient Diffusion Chamber for Cloud Condensation Nuclei Measurements. GAVIN MCMEEKING, Ezra Levin, Markus Petters, Matt Freer, Aleksandra Volkova, Donald R. Huffman, J. Alex Huffman, <i>Handix Scientific</i>
1IID.4*	Zonal Model of Aerosol Persistence in ICUs: Utilization of Time and Space-resolved Sensor Network. JIAYANG HE, Kaitlyn Glenn, Selina Teng, Robert Rochlin, James Hecker, Igor Novosselov, <i>University of Washington</i>
12EI.3*	High-Resolution Investigation of Spatiotemporal Variations of Particulate Matter in the San Francisco Bay Area, California, Using Mobile Monitoring and Big Data Analytics. ZIXU (TIFFANY) ZHAO, Melissa Lunden, Joshua S. Apte, Brian LaFranchi, Yutong Liang, Caleb Arata, Erin Katz, Raphael Mayorga, Wen Zhang, Jie Hu, Allen Goldstein, Haofei Zhang, <i>University of California</i>

*These platform presentations have been withdrawn but were replaced by different talks with the same index: see following table.

RESCHEDULED PRESENTATIONS

NEW PRESENTATION	ORIGINAL PRESENTATION
1AC.2 Tuesday 10:00 AM – 10:15 AM (Platform) Modeling of the Atmospheric Process of Cyanobacterial Toxins in Algal Aerosol. VICTORIA ZORBAS, Myoseon Jang, <i>University of Florida</i>	2AC.7 Tuesday 1:00 PM – 3:00 PM (Poster) Modeling of the Atmospheric Process of Cyanobacterial Toxins in Algal Aerosol. VICTORIA ZORBAS, Myoseon Jang, <i>University of Florida</i>
1HA.3 Tuesday 10:15 AM – 10:30 AM (Platform) Measurement Artifacts in the Dithiothreitol (DTT) Oxidative Potential Assay Caused by Precipitation of Aqueous Transition Metals. JAYASHREE YALAMANCHILI, Christopher Hennigan, Brian Reed, <i>University of Maryland, Baltimore County</i>	2HA.12 Tuesday 1:00 PM – 3:00 PM (Poster) Measurement Artifacts in the Dithiothreitol (DTT) Oxidative Potential Assay Caused by Precipitation of Aqueous Transition Metals. JAYASHREE YALAMANCHILI, Christopher Hennigan, Brian Reed, <i>University of Maryland, Baltimore County</i>
1SA.2 Tuesday 10:00 AM – 10:15 AM (Platform) Computation of Numerically Exact First- and Second-Order Sensitivities of Biogenic Aerosols Formation Using a Column Model Version of CMAQ-hyd. JIACHEN LIU, Eric Chen, Ryan Russell, Shannon Capps, <i>Drexel University</i>	2SA.11 Tuesday 1:00 PM – 3:00 PM (Poster) Computation of Numerically Exact First- and Second-Order Sensitivities of Biogenic Aerosols Formation Using a Column Model Version of CMAQ-hyd. JIACHEN LIU, Eric Chen, Ryan Russell, Shannon Capps, <i>Drexel University</i>
2CC.14 Tuesday 1:00 PM – 3:00 PM (Poster) Hygroscopicity of Polycatechol and Polyguaiacol Secondary Organic Aerosol in Sub- and Supersaturated Water Vapor Environments. KOTIBA A. MALEK, Kanishk Gohil, Hind Al-Abadleh, Akua Asa-Awuku, <i>University of Maryland</i>	6CC.2 Wednesday 1:15 PM – 1:30 PM (Platform) Hygroscopicity of Polycatechol and Polyguaiacol Secondary Organic Aerosol in Sub- and Supersaturated Water Vapor Environments. KOTIBA A. MALEK, Kanishk Gohil, Hind Al-Abadleh, Akua Asa-Awuku, <i>University of Maryland</i>
3AE.2 Monday 3:45 PM – 4:00 PM (Platform) Impacts of a Cookstove Intervention in Urban Zambia on Cooks' Personal Exposure to Carbon Monoxide and Particulate Matter. STEPHANIE PARSONS, Wesley Hayes, Joseph Pedit, Logan Richardson, Pamela Jagger, Andrew Grieshop, <i>North Carolina State University</i>	2AE.5 Tuesday 1:00 PM – 3:00 PM (Poster) Impacts of a Cookstove Intervention in Urban Zambia on Cooks' Personal Exposure to Carbon Monoxide and Particulate Matter. STEPHANIE PARSONS, Wesley Hayes, Joseph Pedit, Logan Richardson, Pamela Jagger, Andrew Grieshop, <i>North Carolina State University</i>
3UA.4 Tuesday 4:15 PM – 4:30 PM (Platform) PM2.5 Sensor Intercomparisons and Regional Trend Assessments from Low-Cost Sensor Networks in Accra, Ghana and Lomé, Togo. GARIMA RAHEJA, Emmanuel Appoh, Ebenezer Appah-Sampong, Maxwell S. Sunu, John K. Nyante, Allison Felix Hughes, Celeste McFarlane, Rob Pinder, Stefani Penn, R. Subramanian, Michael Giordano, Levi Stanton, Daniel Westervelt, <i>Columbia University</i>	3UA.6 Tuesday 4:45 PM – 5:00 PM (Platform) PM2.5 Sensor Intercomparisons and Regional Trend Assessments from Low-Cost Sensor Networks in Accra, Ghana and Lomé, Togo. GARIMA RAHEJA, Emmanuel Appoh, Ebenezer Appah-Sampong, Maxwell S. Sunu, John K. Nyante, Allison Felix Hughes, Celeste McFarlane, Rob Pinder, Stefani Penn, R. Subramanian, Michael Giordano, Levi Stanton, Daniel Westervelt, <i>Columbia University</i>
3UA.6 Tuesday 4:45 PM – 5:00 PM (Platform) Wintertime Spatial Patterns of Particulate Matter in Fairbanks, AK during ALPACA 2022. ELLIS ROBINSON, William Simpson, Peter F. DeCarlo, <i>Johns Hopkins University</i>	3UA.4 Tuesday 4:15 PM – 4:30 PM (Platform) Wintertime Spatial Patterns of Particulate Matter in Fairbanks, AK during ALPACA 2022. ELLIS ROBINSON, William Simpson, Peter F. DeCarlo, <i>Johns Hopkins University</i>
5HA.6 Wednesday 11:00 AM – 11:15 AM (Platform) The Lobar Deposition of Little Cigar Smoke Particles in Sprague-Dawley Rat Lungs. KAISEN LIN, Christopher Wallis, Emily Wong, Patricia Edwards, Laura Van Winkle, Anthony S. Wexler, <i>University of California, Davis</i>	2HA.6 Tuesday 1:00 PM – 3:00 PM (Poster) The Lobar Deposition of Little Cigar Smoke Particles in Sprague-Dawley Rat Lungs. KAISEN LIN, Christopher Wallis, Emily Wong, Patricia Edwards, Laura Van Winkle, Anthony S. Wexler, <i>University of California, Davis</i>
5UA.1 Wednesday 9:45 AM – 10:00 AM (Platform) Modeling Formation of Secondary Organic Aerosol from the Photooxidation of Naphthalene. SANGHEE HAN, Myoseon Jang, <i>University of Florida</i>	2UA.1 Tuesday 1:00 PM – 3:00 PM (Poster) Modeling Formation of Secondary Organic Aerosol from the Photooxidation of Naphthalene. SANGHEE HAN, Myoseon Jang, <i>University of Florida</i>
6CC.2 Wednesday 1:15 PM – 1:30 PM (Platform) The Hygroscopicity of Functionalized Insoluble Aerosol Surfaces. CHUN-NING MAO, Kanishk Gohil, Akua Asa-Awuku, <i>University of Maryland</i>	9AC.1 Thursday 1:00 PM – 3:00 PM (Poster) The Hygroscopicity of Functionalized Insoluble Aerosol Surfaces. CHUN-NING MAO, Kanishk Gohil, Akua Asa-Awuku, <i>University of Maryland</i> (note that the original poster 9AC.1 will still be displayed since this was a late replacement)
7IM.2 Wednesday 3:45 PM – 4:00 PM (Platform) A New Size-fractionated Liquid Collection of Viable Airborne Particles: The BioCascade Impactor. Stavros Amanatidis, Nathan Kreisberg, ARANTZAZU EIGUREN-FERNANDEZ, <i>Aerosol Dynamics Inc.</i>	9IM.26 Thursday 1:00 PM – 3:00 PM (Poster) A New Size-fractionated Liquid Collection of Viable Airborne Particles: The BioCascade Impactor. Stavros Amanatidis, Nathan Kreisberg, ARANTZAZU EIGUREN-FERNANDEZ, <i>Aerosol Dynamics Inc.</i>

RESCHEDULED PRESENTATIONS -- Continued

NEW PRESENTATION	ORIGINAL PRESENTATION
8RA.1 Thursday 9:45 AM – 10:00 AM (Platform) Small Particle Growth Observations at the U.S. DOE Southern Great Plains Field Site using Ambient Air Captive Aerosol Chambers. ZIHAN ZHU, Xuanlin Du, Don Collins, <i>University of California, Riverside</i>	9RA.4 Thursday 1:00 PM – 3:00 PM (Poster) Small Particle Growth Observations at the U.S. DOE Southern Great Plains Field Site using Ambient Air Captive Aerosol Chambers. ZIHAN ZHU, Xuanlin Du, Don Collins, <i>University of California, Riverside</i>
9RA.4 Thursday 1:00 PM – 3:00 PM (Poster) Reconciling Emissions Models with Observed Variability in BVOC Concentrations. DEBORAH F. MCGLYNN, Namrata Shanmukh Panji, Laura E. R. Barry, Xi Yang, Manuel Lerdau, Sally Pusede, Gabriel Isaacman-VanWertz, <i>Virginia Tech</i>	10RA.4 Thursday 4:15 PM – 4:30 PM (Platform) Reconciling Emissions Models with Observed Variability in BVOC Concentrations. DEBORAH F. MCGLYNN, Namrata Shanmukh Panji, Laura E. R. Barry, Xi Yang, Manuel Lerdau, Sally Pusede, Gabriel Isaacman-VanWertz, <i>Virginia Tech</i>
10RA.4 Thursday 4:15 PM – 4:30 PM (Platform) The 3rd ARM Mobile Facility in the Southeast United States: Current Plans for Science-Driven Facility Siting, Configuration, Instrumentation, and Outreach. CHONGAI KUANG, Scott Giangrande, Shawn Serbin, <i>Brookhaven National Laboratory</i>	9RA.9 Thursday 1:00 PM – 3:00 PM (Poster) The 3rd ARM Mobile Facility in the Southeast United States: Current Plans for Science-Driven Facility Siting, Configuration, Instrumentation, and Outreach. CHONGAI KUANG, Scott Giangrande, Shawn Serbin, <i>Brookhaven National Laboratory</i>
11ID.4 Friday 8:45 AM – 9:00 AM (Platform) Mucin Transiently Mitigates the Loss of Coronavirus Infectivity in Artificial Saliva. ROBERT ALEXANDER, Jianghan Tian, Allen E. Haddrell, Henry Oswin, Daniel Hardy, Edward Neal, Mara Otero-Fernandez, Jamie Mann, Tristan Cogan, Adam Finn, Andrew Davidson, Darryl Hill, Jonathan P. Reid, <i>University of Bristol</i>	9ID.11 Thursday 1:00 PM – 3:00 PM (Poster) Mucin Transiently Mitigates the Loss of Coronavirus Infectivity in Artificial Saliva. ROBERT ALEXANDER, Jianghan Tian, Allen E. Haddrell, Henry Oswin, Daniel Hardy, Edward Neal, Mara Otero-Fernandez, Jamie Mann, Tristan Cogan, Adam Finn, Andrew Davidson, Darryl Hill, Jonathan P. Reid, <i>University of Bristol</i> (note that the original poster 9ID.11 will still be displayed since this was a late replacement)
12EI.3 Friday 10:15 AM – 10:30 AM (Platform) Morphology and Hygroscopicity of Nanoplastics in Sea Spray Determined by Humidified Tandem Differential Mobility Analysis Coupled to High-Resolution Time-of-Flight Aerosol Mass Spectrometry. SARAH PETERS, Eva Kjærgaard, Freja Hasager, Andreas Massling, Marianne Glasius, Merete Bilde, <i>Aarhus University</i>	9EI.7 Thursday 1:00 PM – 3:00 PM (Poster) Morphology and Hygroscopicity of Nanoplastics in Sea Spray Determined by Humidified Tandem Differential Mobility Analysis Coupled to High-Resolution Time-of-Flight Aerosol Mass Spectrometry. SARAH PETERS, Eva Kjærgaard, Freja Hasager, Andreas Massling, Marianne Glasius, Merete Bilde, <i>Aarhus University</i> (note that the original poster 9EI.11 will still be displayed since this was a late replacement)

SESSION CHAIR CORRECTIONS

SESSION	WILL BE CO-CHAIR BY
11CA Carbonaceous Aerosols II	Shannon Capps and Yumeng Cai

OTHER CORRECTIONS

PRESENTATION	CORRECTION
1HA.5 Tuesday 10:45 AM (Platform) Measurement of aerosol emissions and exposure to firefighters during fire training. SHRUTI CHOUDHARY, Darlington Imhanzuaria, Erin Kobetz, Alberto Caban-Martinez, Pratim Biswas, <i>University of Miami</i>	Updated Title
1HA.6 Tuesday 11:00 AM (Platform) Long-term Air Quality and Health Effects of Dairy Digesters in the Future San Joaquin Valley. JIA JIANG, Ali Akherati, Hamed El-Mashad, Frank Mitloehner, Michael Kleeman, <i>University of California, Davis</i>	Presenting author: MICHAEL KLEEMAN
2SA.9 Tuesday 1:00 PM (Poster) Source Apportionment of PM2.5 using Dispersion Normalized Positive Matrix Factorization (DN-PMF) at Beijing and Baoding in China. ILHAN RYOO, Jieun Park, Taeyeon Kim, Jiwon Ryu, Yeonseung Cheong, Hyewon Park, Kwon Ho Jeon, Jae-Hyun Lim, Seung-Muk Yi, <i>Seoul National University</i>	Added co-author: Sang-Rin Lee
3HA.5 Tuesday 4:30 PM (Platform) Effects of Acidity and Photoirradiation on Reactive Oxygen Species Formation from Secondary Organic Aerosols. JINLAI WEI, Ting Fang, Manabu Shiraiwa, <i>University of California, Irvine</i>	Presenting author: MANABU SHIRAIWA
5BC.2 Wednesday 10:00 AM (Platform) Wildfire as a Source of Environmentally Persistent Free Radicals and Reactive Oxygen Species. TING FANG, Brian Hwang, Sukriti Kapur, Katherine Hopstock, Jinlai Wei, Sergey Nizkorodov, Manabu Shiraiwa, <i>University of California, Irvine</i>	Presenting author: SUKRITI KAPUR
8AC.4 Thursday 10:30 AM – 10:45 AM (Platform) Insights into the Alkene Triol Conundrum: Characterization and Quantitation of Isoprene-Derived C5H10O3 Reactive Uptake Products. MOLLY FRAUENHEIM, Melinda Beaver, John Offenber, Zhenfa Zhang, Jason Surratt, Avram Gold, <i>University of North Carolina at Chapel Hill</i>	Updated Title
8IA.1 Thursday 9:45 AM – 10:00 AM (Platform) Long-term Indoor-outdoor PM2.5 Measurements at Three California Sites. LANCE WALLACE, Wayne Ott, Stanford University	Presentation will be given by Donghyun Rim
8IA.7 Thursday 11:15 AM – 11:30 AM (Platform) Estimating Air Exchange Rate using Concentration Time Series Data based on Unsupervised Learning. BOWEN DU, Jeffrey Siegel, <i>University of Toronto</i>	Presenting author: JEFFREY SIEGEL
10CM.3 Thursday 3:00 PM (Platform) Suppressing Spread of Viral Sneeze Droplets Using Transparent Curtains in Large Food Processing Facilities. SUNIL KUMAR, Maria King, David Klassen, <i>Texas A&M University</i>	Presentation will be given by Meiyi Zhang
10RA.3 Thursday 4:00 PM (Platform) Process-Level Representation of Organic Aerosols in a Regional Climate Model (WRF-Chem): Processes, Parameterizations, and Predictions for GoAmazon. CHARLES HE, Kelsey Bilsback, ManishKumar Shrivastava, Rahul Zaveri, Christopher Cappa, John Seinfeld, Jeffrey R. Pierce, Shantanu Jathar, <i>Colorado State University</i>	Presenting author: SHANTANU JATHAR
11ID.5 Friday 9:00 AM (Platform) Optimized Design to Reduce Environmental Effects on Bioaerosols. Meiyi Zhang, Tatiana Baig, Brooke Smith, Hyoungmook Pak, Gabriela Ramos, Violette Ramirez, Sunil Kumar, David Klassen, MARIA KING, <i>Texas A&M University</i>	Presenting author: BROOKE SMITH

ORGANIZATIONAL MEMBERS CORRECTIONS

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2022 AAAR EXHIBITOR COMPANY BOOTH CORRECTIONS

EXHIBITOR	CORRECTION
AAAR Membership Committee Booth 28	Booth 34
Access Sensor Technologies LCC	Booth 4
Cooper Environmental/SCI Booth 25	Booth 2