

ADDENDUM: Changes to Final Program of the 2024 AAAR Annual Meeting

TUTORIAL CORRECTIONS

TUTORIAL	CORRECTION
TS10 Mitigating Bioaerosol Spread Through Computational Fluid Dynamics (Tutorial) Maria King and Sunil Kumar <i>Texas A&M University</i>	Instruction will be virtual and moderated by Shanna Ratnesar-Shumate
TS15 Filtration and Aerosol Sampling (Tutorial) William Lindsley <i>CDC NIOSH</i>	Moved to Room Mesilla, instruction will be virtual and moderated by Joshua Santarpia
TS14 Aerosol Thermodynamics & Phase Transitions (Tutorial) Sarah Petters <i>University of California Riverside</i>	Moved to Room Ruidoso/Pecos

WITHDRAWN PRESENTATIONS

2CE.3	Particle-Gas and Surface-Air Partitioning of Neutral and Ionic Per- and Polyfluoroalkyl Substances (PFAS) in North Carolina Firehouses (Poster) GABRIELLE WEST, Clara Eichler, Naomi Chang, Michael Davern, Raj Aghera, Keenan Andrade, Rebecca Turner, Margot Francini, Jason Surratt, Barbara Turpin, <i>University of North Carolina at Chapel Hill</i>
3.BA.2*	Understanding the Impact of Elevated CO2 Levels on the Survival of Airborne E.coli and Bacteriophage MS2 (Platform) Haocheng Sun, KAISEN LIN, <i>Michigan State University</i>
7.IM.5*	A Detailed COMSOL Model to Predict the Supersaturation Field in Condensation Particle Counters (CPCs) Using Different Working Fluids (Platform) FRANCESCO CARBONE <i>University of Connecticut</i>
8.CE.4*	An Improved Method for Measuring Indoor Airborne Cationic Surfactant Loads Through Coupled Solid-phase/Liquid-liquid Micro Extractions (Platform) HEATHER RUNBERG, Mark Hernandez, <i>University of Colorado</i>
2.IA.1	Electrospraying-based Small Deodorizer Capable of Deodorization and Sterilization Using Only Water (Poster) HWAN LIM, Jin Hong Ahn, Gwang Hoon Rhee <i>DAOM Electronics</i>
2.AC.5*	Chemical Insights into Butoxyethanol SOA Formation (Poster) REINA BUENCONSEJO, Haroula D. Baliaka, Paul Wennberg, John Seinfeld <i>California Institute of Technology</i>
5.AP.2	In-Situ Probing of the Surface Properties of Aerosol Particles (Platform) YI RAO, Yuqin Qian, Jesse Brown, V. Faye McNeill <i>Utah State University</i>
9.AE.1	Accuracy and Durability of a Low-Cost Sensor for Sustained Laboratory-Generated High-Particulate Matter Concentration Events (Poster) DHRUV MITROO, Xuan Liu, Taveen Kapoor, Prabhav Upadhyay, Shubham Sunil Sharma, Benjamin Kumfer, Rajan K. Chakrabarty, Rebecca Browning, Mark Cridge <i>Veterans Research and Education Foundation</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
3.BA.2 Tuesday 3:45 PM (Platform) Association between In Situ Ventilation and Human-Generated Aerosol Exposure in Meatpacking Plants during the COVID-19 Pandemic JOSHUA L. SANTARPIA, Josephine Lau, Debayan Shom, Shanna A. Ratnesar-Shumate, Eric Carnes, George Santarpia, Vicki Herrera, Danielle N. Rivera, Daniel N. Ackerman, Ashley R. Ravnholdt, John Lowe, Athena Ramos, <i>University of Nebraska Medical Center</i>	3.BA.2 Tuesday 3:45 PM – 4:00 PM (Platform) Understanding the Impact of Elevated CO2 Levels on the Survival of Airborne E.coli and Bacteriophage MS2 Haocheng Sun, KAISEN LIN, <i>Michigan State University</i>
7.IM.5 Wednesday 4:30 PM (Platform) Boosting the Detection of Flame-formed Sub-5nm Materials by Operating the Saturator Inlet of a Water Condensation Particle Counter (WCPC) with Different Condensing Fluids Farnaz Khosravi, Arantzazu Eiguren-Fernandez, Gregory S. Lewis, FRANCESCO CARBONE <i>University of Connecticut</i>	7.IM.5 Wednesday 4:30 PM (Platform) A Detailed COMSOL Model to Predict the Supersaturation Field in Condensation Particle Counters (CPCs) Using Different Working Fluids FRANCESCO CARBONE <i>University of Connecticut</i>
2.BA.8 Tuesday 1:00 PM (Poster) Dynamic Patterns and Health Implications of Bioaerosols in Qatar's Arid Climate: A Year-Long Observational Study AZHAR SIDDIQUE, Kashif Rasool, Bilal Sajjad, Khadeeja Abdul Jabbar, Shimaa S. El-Malah, M. Rami Alfarrar, Fares A.O Almomani <i>QEERI, Hamad Bin Khalifa University, Doha, Qatar</i>	2.BA.8 Thursday 1:00 PM (Poster) Dynamic Patterns and Health Implications of Bioaerosols in Qatar's Arid Climate: A Year-Long Observational Study AZHAR SIDDIQUE, Kashif Rasool, Bilal Sajjad, Khadeeja Abdul Jabbar, Shimaa S. El-Malah, M. Rami Alfarrar, Fares A.O Almomani <i>QEERI, Hamad Bin Khalifa University, Doha, Qatar</i>
7.AC.1 Wednesday 3:30 PM (Platform) Impacts of Peroxy Radical Fates on α-Pinene Secondary Aerosol Composition ERIK HELSTROM, Lesly Franco Deloya, Hannah Kenagy, Anita Avery, Manjula Canagaratna, Jesse Kroll <i>Massachusetts Institute of Technology</i>	7.AC.5 Wednesday 4:30 PM (Platform) A Systematic Comparison between Laboratory Chamber Measurements and Mechanistic Predictions of Complex Oxidation Reactions JIA JIANG, Lesly Franco Deloya, Erik Helstrom, Havala Pye, Rebecca Schwantes, T. Nash Skipper, Jesse Kroll <i>Massachusetts Institute of Technology</i>
7.AC.5 Wednesday 4:30 PM (Platform) A Systematic Comparison between Laboratory Chamber Measurements and Mechanistic Predictions of Complex Oxidation Reactions JIA JIANG, Lesly Franco Deloya, Erik Helstrom, Havala Pye, Rebecca Schwantes, T. Nash Skipper, Jesse Kroll <i>Massachusetts Institute of Technology</i>	7.AC.1 Wednesday 3:30 PM (Platform) Impacts of Peroxy Radical Fates on α-Pinene Secondary Aerosol Composition ERIK HELSTROM, Lesly Franco Deloya, Hannah Kenagy, Anita Avery, Manjula Canagaratna, Jesse Kroll <i>Massachusetts Institute of Technology</i>
8.CE.4 Thursday 10:45 AM (Platform) Wastewater Treatment Plants as Major Sources of Atmospheric PFAS and Microplastics AIDAN MCCLURE, Kanchana Chandrakanthan, Paul Westerhoff, Matthew Fraser, Pierre Herckes <i>Arizona State University</i>	8.CE.4 Thursday 10:45 AM (Platform) An Improved Method for Measuring Indoor Airborne Cationic Surfactant Loads Through Coupled Solid-phase/Liquid-liquid Micro Extractions HEATHER RUNBERG, Mark Hernandez, <i>University of Colorado</i>
2.AC.5 Tuesday 1:00 PM (Poster) Insights into Secondary Organic Aerosol Formation from Volatile Chemical Products HUAWEI LI, Don Collins, David R. Cocker III <i>University of California, Riverside</i>	2.AC.5 Tuesday 1:00 PM (Poster) Chemical Insights into Butoxyethanol SOA Formation REINA BUENCONSEJO, Haroula D. Baliaka, Paul Wennberg, John Seinfeld <i>California Institute of Technology</i>
11.SA.5 Friday 9:00 AM (Platform) Understanding the Industrial Aerosol Contribution: Measurements and Modeling BRIANNA MATTHEWS, Stephen Noble <i>Savannah River National Laboratory</i>	11.SA.5 Friday 9:00 AM (Platform) Assessing the Value of Each Instrumented CMAQ Model for Addressing Aerosol-related Policy Questions SHANNON CAPPS, Jiachen Liu, Sergey Napelenok, Benjamin Murphy, Kirk Baker, Daven Henze, Armistead G. Russell <i>Drexel University</i>
9.SA.2 Thursday 3:30 PM (Poster) Assessing the Value of Each Instrumented CMAQ Model for Addressing Aerosol-related Policy Questions SHANNON CAPPS, Jiachen Liu, Sergey Napelenok, Benjamin Murphy, Kirk Baker, Daven Henze, Armistead G. Russell <i>Drexel University</i>	9.SA.2 Thursday 3:30 PM (Poster) Understanding the Industrial Aerosol Contribution: Measurements and Modeling BRIANNA MATTHEWS, Stephen Noble <i>Savannah River National Laboratory</i>
10.AC.1 Thursday 3:30 PM (Platform) Drivers of Perfluorocarboxylic Acid (PFCA) Gas-Particle Partitioning: Modeled Properties and Observational Constraints TREVOR VANDENBOER, Mayr� Rodriguez Ramirez, Eric Vanhauwaert, Nasrin Dashti, Yashar Ebrahimi-Iranpour, Jessica Clouthier, Shira Joudan, Ye Tao, RenXi Ye, Cora Young <i>York University</i>	10.AC.1 Thursday 3:30 PM (Platform) Insights into Secondary Organic Aerosol Formation from Volatile Chemical Products HUAWEI LI, Don Collins, David R. Cocker III <i>University of California, Riverside</i>

SESSION CHAIR CORRECTIONS

SESSION	WILL BE CO-CHAIR BY
7UA Urban Aerosols I: Aerosols in Cities Around the World	Jillianne Taylor and Chun-Ying Chao
12 Remote and Regional Atmospheric Aerosol III: Light-Absorbing Particles	Andrew Metcalf and Yue Zhang

OTHER CORRECTIONS

PRESENTATION	CORRECTION
7HR.3 Wednesday 4:00 PM (Platform) Comparing the Biocompatibility of Diffusion Flame-Generated Soot to Human Lung Cells by Two Commonly Used In-Vitro Cultures: Monolayer and Air-Liquid Interface Durgesh N. Das, Paul Hamilton, Shubham Sunil Sharma, DHRUV MITROO, Benjamin Kumfer, <i>Veterans Research and Education Foundation</i>	Presenting author: DHRUV MITROO
11AC.5 Friday 9:15 AM (Platform) The Uptake and Spontaneous Oxidation of HONO to Optically Tweezed Aerosol Droplets is Self-Accelerated by Aerosol Acidity Luke Monroe, GRAHAM THORNHILL, Jack Hall, Ryan Sullivan, <i>Carnegie Mellon</i>	Presenting author: GRAHAM THORNHILL
6AC.2 Wednesday 1:15 PM (Platform) Single-Particle Distribution and Aging of Organic Compounds in Wildfire Emissions RALF ZIMMERMANN, Johannes Passig, Ellen Iva Rosewig, Aleksandrs Kalamasnikovs, Haseeb Hakkim, Marco, <i>Mass Spectrometry Centre; Rostock University/Helmholtz Munich</i>	Presenting author: RALF ZIMMERMANN
2IA.11 Tuesday 1:00 PM (Poster) Unveiling the Hidden: Affordable Particles Plus Water-based CPC Explores Ultrafine Particles in Office Buildings with Central HEPA Filtration ANIL NAMDEO, Adam Giandomenico <i>Particles Plus</i>	Presenting author: ANIL NAMDEO; Added Co-author: Adam Giandomenico
9.CC.9 Thursday 12:15 PM (Platform) Confronting Structural Uncertainty in Aerosol Effects on Climate LAURA FIERCE, Jeffrey Johnson, Kadja Flore Gali, Jocelyne Guzman - Gonzalez, Payton Beeler, Will Cantrell, Rosa M. Fitzgerald, Matthew Dawson, Benjamin Murphy, Nicole Riemer <i>Pacific Northwest National Laboratory</i>	Added Co-authors: Jeffrey Johnson, Mathew Dawson, Benjamin Murphy, Nicole Riemer
4JS.3 Tuesday 6:00 PM (Poster) Garima Raheja, 5th year PhD, Seeking Opportunities in Energy/Data in Government, Academia or Private Sector Garima Raheja <i>Columbia University</i>	Updated Title
2.BA.10 Tuesday 1:00 PM Using Tryptophan as an Indicator of pH in Bioaerosol Particle Fluorescence HUNTER RICHARDS, Emily Hong, Zhenyu Ma, Allen E. Haddrell, Herek L. Clack <i>University of Michigan</i>	Co-author added: Emily Hong
10.CE.1 Thursday 3:30 PM Production, Processes, and Parameters for Secondary Organic Aerosol from Oxygenated Volatile Organic Compounds Found in Volatile Chemical Products Huiying Lou, Masoud Akbarzadeh, Abraham Dearden, Jamie Cast, Amel Ksaibati, Alison Piasecki, Ann M. Middlebrook, Lauren A. Garofalo, Delphine K. Farmer, Katelyn Rediger, Matthew Coggon, Carsten Warneke, Cort Zang, Tucker Melles, Audrey Lawrence, Megan Willis, Chelsea Stockwell, Lu Xu, Damien Ketcherside, Lu Tan, Lixu Jin, Lu Hu, Rebecca Schwantes, SHANTANU JATHA, et al. <i>Colorado State University</i>	Presenting author: SHANTANU JATHA
7UA.5 Wednesday 4:30 PM (Platform) Estimation of Total and Biomass-Based BC at African Cities by Applying Image-Reflectance Method on Bam Tapes Abhishek Anand, Richard Djarbeng, Evelyn Toure, Julien Bahino, Sylvain Gnamiem, Allison Felix Hughes, Raphael E Arku, Victoria Owusu Tawiah, Araya Asfaw, Tesfaye Mamo, Sina Hasheminassab, Solomon Bililign, Daniel Westervelt, ALBERT A. PRESTO <i>Carnegie Mellon University</i>	Presenting author: ALBERT A. PRESTO
8.UA.1 Thursday 9:45 AM (Platform) Lake Breeze Effects on Urban Climate and Air Quality in Chicago Using Microsoft Eclipse Network Xiaoyu Chen, Jhao-Hong Chen, Peiyuan Li, Scott Collis, Rao Kotamarthi, Paytsar Muradyan, Ashish Sharma, Lu Xu, JIAN WANG <i>Washington University in St. Louis</i>	Presenting author: JIAN WANG
3.CT.5 Tuesday 4:30 PM (Platform) Estimating Surface PM_{2.5} Concentrations and Chemical Composition from High Spectral Resolution Lidar Retrievals Using the HSRL-CH Methodology Bethany Sutherland, NICHOLAS MESKHIDZE <i>North Carolina State University</i>	Presenting author: NICHOLAS MESKHIDZE
10.CA.6 Thursday 4:45 PM (Platform) Molecular Insights into Gas-Particle Partitioning and Viscosity of Atmospheric Brown Carbon Qiaorong Xie, Nealan Gerrebos, Diego Calderon-Arrieta, Isaac Morton, Emily Halpern, Chunlin Li, Janice Zeng, Yinon Rudich, Allan K. Bertram, ALEXANDER LASKIN <i>Purdue University</i>	Presenting author: ALEXANDER LASKIN
1.AC.1 Tuesday 9:45 AM (Platform) Monitoring Early-Generation Formation and Gas-to-Particle Phase Partitioning of Isoprene Oxidation Products by Ion Mobility Spectrometry Coupled to High-Resolution Chemical Ionization Mass Spectrometry REBECCA L. RICE, Molly Fraunheim, Matthieu Riva, Peter Mettke, Hartmut Herrmann, Siddharth Iyer, Sebastian Gerber, Stephan Graf, Felipe Lopez-Hilfiker, Michael Kamrath, Jason Surratt, Zhenfa Zhang, Avram Gold <i>University of North Carolina at Chapel Hill</i>	Multiple author changes: REBECCA L. RICE, Molly Fraunheim, Matthieu Riva, Peter Mettke, Hartmut Herrmann, Siddharth Iyer, Sebastian Gerber, Stephan Graf, Felipe Lopez-Hilfiker, Michael Kamrath, Jason Surratt, Zhenfa Zhang, Avram Gold
12.CM.2 Friday 10:00 AM (Platform) Airborne Transmission and Mitigation in Indoor Environment: Insights from the COVID-19 Pandemic Sunil Kumar, Meiyi Zhang, JOHN CATE, Hunter Welch, Maria King <i>Texas A&M University</i>	Presenting author: JOHN CATE