

ADDENDUM: Changes to Final Program of the 2025 AAAR Annual Meeting

WITHDRAWN PRESENTATIONS

7DA.3*	Machine Learning Derivation of Composition-Resolved Particle Number Size Distribution and Aerosol Properties. ARSHAD ARJUNAN NAIR, Fangqun Yu, <i>The State University of New York at Albany</i>
11M.4*	Improved Ultrafine Aerosol Sizing with NMASS Pulse Height Analysis (NMASS-PHA). MATTHEW BROWN, Steven Cevaer, Luke Ziemba, <i>NASA</i>
12CM.1*	Aerosol Reduction and Visibility Improvement with a Novel Dental Handpiece. Yen-Ting Hsu, Hsin-Hung Chien, Yung-Chung Chen, Chun-Juei Chou, Chih-Yung Wu, MING-YENG LIN, <i>National Cheng Kung University</i>
12CM.2*	Evaluating Indoor Air Cleaning Effectiveness During Wildland-Urban Interface Fire Events: Insights from a Controlled Residential Study. NATHAN LIMA, Aika Davis, Michael Link, Thomas Cleary, Ryan Falkenstein-Smith, Raleigh Robertson, Steven Emmerich, Dustin Poppendieck, <i>National Institute of Standards and Technology</i>
2AC.4	Biomass Burning Organic Aerosols as a Pool of Atmospheric Reactive Triplets to Drive Multiphase Reactions. ZHANCONG LIANG, Liyuan Zhou, Yuqing Chang, Yiming Qin, Chak K. Chan, <i>King Abdullah University of Science and Technology</i>
9BQ.3	Fast Generation of Peroxides via Particulate Photosensitization. ZHANCONG LIANG, Liyuan Zhou, Chak K. Chan, <i>King Abdullah University of Science and Technology</i>
9CC.2	Investigating the Bulk-Surface Partitioning and Surface Tension of Structurally Different Organosulfates Aerosol through Measurements and Simple Thermodynamic Model. HOI TANG LAW, Masayoshi Nakamura, Masao Gen, Man Nin Chan, <i>The Chinese University of Hong Kong</i>
6BQ.4*	PAHs in Smoke from Various WUI Fire Fuels: Cars, Trees, and Construction Materials. AIKA DAVIS, Thomas Clearly, Ryan Falkenstein-Smith, <i>National Institute of Standards and Technology</i>
2CE.4	Monitoring Hazardous Air Pollutants with Community Partners at a Landfill Site in Bristol, Virginia. AMIRA HANSCH, Gabriel Isaacman-VanWertz, <i>Virginia Tech</i>
9CC.7	Exploring the Ice Nucleation Efficiency of Diesel-Soot: Insights from Single Particle Physicochemical Properties. ALYSSA ALSANTE, Meng-Dawn Cheng, Daanish Tyrewala, Vitaly Prikhodko, Brian Kaul, Scott Curran, Juntian Fan, Shannon Mahurin, Jack Smith, Ziying Lei, <i>Oak Ridge National Laboratory</i>
9RA.2	To Tackle India's Air Pollution, We Must Focus on Informal Sources. LUCAS ROJAS-MENDOZA, Srinidhi Balasubramanian, Chandra Venkataraman, Joshua S. Apte, <i>University of California Berkeley</i>
9CA.1	Determining OM/OC Ratio in Fine Particulate Matter Through Functional Group Analysis Over Regionally Representative Site Bhopal, Central India. PANKAJ KHATARKAR, Ramya Sunder Raman, <i>Indian Institute of Science Education and Research Bhopal</i>
2BA.7	Coupling of a Fieldable Bioaerosol Sampler and Rapid Pathogen Detection Platform for Environmental Surveillance. DANIEL N. ACKERMAN, Jessica Ware, Braden Stump, Christopher J. Hogan, Dipanjan Pan, Ashley R. Ravnholt, Elizabeth A. Klug, Danielle N. Rivera, Kevin K. Crown, Vicki Herrera, C.J. Woslager, Joshua L. Santarpia, <i>University of Nebraska Medical Center</i>
9BQ.5	Wildfire Smoke Challenges for HVAC Filter Media Efficiency. TANYA SHIRMAN, Sissi Liu, <i>IP of Materials</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
7DA.3 Wednesday 4:00 PM – 4:15 PM (Platform) Identifying Local Emission Sources via an Integrated Computer Vision and Vision–Language Models (VLMs) Approach. JINTAO GU, Hongpufan Huang, Boyuan Niu, K. Max Zhang, <i>Cornell University</i>	7DA.3 Wednesday 4:00 PM – 4:15 PM (Platform) Machine Learning Derivation of Composition-Resolved Particle Number Size Distribution and Aerosol Properties. ARSHAD ARJUNAN NAIR, Fangqun Yu, <i>The State University of New York at Albany</i>
11M4. Tuesday 10:30 AM – 10:45 AM (Platform) Efficiency of Low-Cost Sensors to Detect Dust Particles During Dust Events. KARIN ARDON-DRYER, John Garber, Melodie Martinez-Manahan, Lorena Albuquerque Zanandreis, Raghu Betha, <i>Texas Tech University</i>	11M.4 Tuesday 10:30 AM – 10:45 AM (Platform) Improved Ultrafine Aerosol Sizing with NMASS Pulse Height Analysis (NMASS-PHA). MATTHEW BROWN, Steven Cevaer, Luke Ziemba, <i>NASA</i>
12CM.1 Friday 9:45 AM – 10:00 AM (Platform) Detection of and Protection from VOC "Spikes" Generated during Everyday Cooking, Cleaning, and Artistic Activities Sonam Devabhaktuni, Sathyaraj Devabhaktuni, DEVABHAKTUNI SRIKRISHNA, <i>PatientKnowhow.com</i>	12CM.1 Friday 9:45 AM – 10:00 AM (Platform) Aerosol Reduction and Visibility Improvement with a Novel Dental Handpiece Yen-Ting Hsu, Hsin-Hung Chien, Yung-Chung Chen, Chun-Juei Chou, Chih-Yung Wu, MING-YENG LIN, <i>National Cheng Kung University</i>
12CM.2 Friday 10:00 AM – 10:15 AM (Platform) The Need for Efficient COVID-19 Engineering Controls Yun-Hui Kao, Sheng-Hsiu Huang, Yu-Mei Kuo, Chih-Wei Lin, CHIH-CHIEH CHEN, <i>National Taiwan University</i>	12CM.2 Friday 10:00 AM – 10:15 AM (Platform) Evaluating Indoor Air Cleaning Effectiveness During Wildland-Urban Interface Fire Events: Insights from a Controlled Residential Study. NATHAN LIMA, Aika Davis, Michael Link, Thomas Cleary, Ryan Falkenstein-Smith, Raleigh Robertson, Steven Emmerich, Dustin Poppendieck, <i>National Institute of Standards and Technology</i>
6BQ.4 Wednesday 1:45 PM – 2:00 PM (Platform) Flying Through Fire: Drone-Based Emissions Measurements From Structure and Prescribed Fires. ABIGAIL MABEN, Karthick Mohan Kumar, Emilio Molina Rueda, John Flynn, Misa Soto, Clara McMullin, Gabriel Isaacman-VanWertz, Christopher Robertson, Jack Gottschalk, Jessica Tryner, Tami Bond, John Volckens, Christian L'Orange, Shantanu Jathar, <i>Colorado State University</i>	6BQ.4 Wednesday 1:45 PM – 2:00 PM (Platform) PAHs in Smoke from Various WUI Fire Fuels: Cars, Trees, and Construction Materials. AIKA DAVIS, Thomas Clearly, Ryan Falkenstein-Smith, <i>National Institute of Standards and Technology</i>

EVENT ADDED

NEW EVENT	TIME & LOCATION
BC/UFP Research and Policy Implications Meetings. Colorado became the first state in the USA to identify Black Carbon (BC) and Ultrafine Particulate Matter (UFP) as Toxic Air Contaminants (TACs) which is the first step to regulation and research for BC/UFP to be monitored and reported to address health concerns of residents. More information on BC/UFP spatial distributions, modeling, emissions factors, health effects, and control efficiencies of various control technologies is needed before these pollutants can be regulated. The aim of this group is to bring together technical expertise from state agencies, academia and industries from across USA and Europe to assist in collaboratively developing common policies and standards for BC/UFP monitoring in USA. Please join us in Room 101BG at Buffalo Convention Center during AAAR Annual Conference to talk about the future of research of BC and UFPs and how this research can be used to inform policies and regulation within USA. The meeting is open to all AAAR attendees interested in this topic.	Tuesday, October 14, 2025, 1 PM – 2 PM in Room 101BG

SESSION CHAIR CORRECTIONS

SESSION	WILL BE CO-CHAIR BY
7DA Advancing Aerosol Science through Data Analysis Tools 2	Geoffrey Smith and Abishek Anand

8DA Advancing Aerosol Science through Data Analysis Tools 3	Geoffrey Smith and Abishek Anand
6BQ Burning Questions of Aerosol Emissions, Chemistry, and Impacts from WUI Fires 2: Structure Fires	Sergey Nizkorodov and Kevin Ridgway
1UA Urban Aerosols1 : Urban PM Sources	Boris Krasobitov and Guy Symonds

OTHER CORRECTIONS

PRESENTATION	CORRECTION
11BA.5 Friday 9:00 AM – 9:15 AM (Platform) Performance of a Novel Personal Passive Sampler in a Calm-Air Environment Taewon Han, GEDIMINAS MAINELIS, <i>Rutgers University</i>	Presenting Author: GEDIMINAS MAINELIS
11M.2 Tuesday 10:00 AM – 10:15 AM (Platform) Improving Accuracy in Mobility-Based Aerosol Sizing by Measuring Bipolar-Charged Particles JINGKUN JIANG, Jin Wu, <i>Tsinghua University</i>	Presenting Author: JINGKUN JIANG
11M.6 Tuesday 11:00 AM – 11:15 AM (Platform) Measuring the Detection Efficiency of Neutral Flame-Formed Materials by Two-Component Fluid-Water Condensation Particle Counters (Fluid-WPCPs) OWEN FUHR, Farnaz Khosravi, Gregory S. Lewis, Francesco Carbone, <i>University of Connecticut</i>	Presenting Author: OWEN FUHR
7AC.4 Wednesday 4:15 PM – 4:30 PM (Platform) Molecular-Level Understanding of New Particle Formation Processes Under the Conditions Relevant to Mixed Forests in the Southeastern United States Lee Tiszenkel, Vignesh Vasudevan Geetha, Astrid Pedersen, Jonas Elm, SHANHU LEE, <i>University of Alabama-Huntsville</i>	Presenting Author: SHANHU LEE
2BA.8 Tuesday 1:00 PM – 3:00 PM (Poster) The Effect of Clinical Environment on the Transport and Antibiotic Resistance of Mycobacteria Meiyi Zhang, Aayushi Nangia, Jasim Ibrahim, Eduardo Escamilla Rodriguez, Juan Garcia Lunar, Sandun Fernando, MARIA KING, <i>Texas A&M University</i>	Added Authors: Eduardo Escamilla Rodriguez and Juan Garcia Lunar
81M.4 Thursday 10:30 AM – 10:45 AM (Platform) A Low-Cost Solid Aerosol Generator of High Stability Ryan Ward, MIRANDA HACK, V. Faye McNeill, <i>Columbia University</i>	Presenting Author: MIRANDA HACK
2BA.13 Tuesday 1:00 PM – 3:00 PM (Poster) Culture and Real-Time Quantitative PCR to Detect Environmental Nontuberculous Mycobacteria in a Clinical Care Center Meiyi Zhang, Brooke Smith, Rachel Wilsey, Tiana Koch, Elizabeth Dohanich, Pamela McShane, Jennifer Honda, BRANDON LINARES, Maria King, <i>Texas A&M University</i>	Presenting Author: BRANDON LINARES
8ES.1 Thursday 9:45 AM – 10:15 AM (Exhibitor Showcase) TARTA: A Portable, Inexpensive Instrument for Real-Time Detection of Airborne Metal Particulates BRENDA LOPEZ, Ehsan Gofdari, Evan Gittings, Junbeom Jang, Brenda Lopez, Christopher Wallis, Anthony S. Wexler, Hanyang Li, <i>San Diego State University</i>	Presenting Author: BRENDA LOPEZ
2NP.3 Tuesday 1:00 PM – 3:00 PM (Poster) One-Step Synthesis of Nanostructured Spinel-Type High Entropy Oxide (HEO) Materials by the Flat Premixed Droplet-Seeded Flame (FPDSF) Method. Owen S. Fuhr, Serdar Yildirim, TYLER PARK, Xiao-Dong Zhou, Francesco Carbone, <i>University of Connecticut</i>	Presenting Author: TYLER PARK
2RA.8 Tuesday 1:00 PM – 3:00 PM (Poster) Environmental Detection of Airborne Methicillin- Resistant Staphylococcus Aureus (MRSA) in Healthcare Environments and Laboratory Testing of MRSA Inactivation. Xinyi Niu, Perminder Kaur, Judith Arthur, Joseph Nyakundi, Jagjit Yadav, Elizabeth Mckinley, Vivek Narendran, Missy Nurre, Arantzazu Eiguren- Fernandez, Chang-Yu Wu, SRIPRIYA NANNU SHANKAR, <i>University of Cincinnati</i>	Presenting Author: SRIPRIYA NANNU SHANKAR
3UA.2 Tuesday 3:45 PM – 4:00 PM (Platform) Evaluating Fine-Scale Air Quality Heterogeneity Using a Low-Cost Multi-pollutant Sensor Network in Twin Cities, Minnesota. Varuni Abhayaratne, WEIXING HAO, Anjana Yatawara, Philip K. Hopke, Jiayu Li, Yang Wang, <i>University of Miami</i>	Removed Author: CHEN YE
6BQ.1 Wednesday 1:00 PM – 1:15 PM (Platform) Emerging Pollutant Emissions from the Combustion of Built Materials. Hongru Shen, Bradley H. Isenor, Carolyn Liu-Kang, Mohamad H. Al-Jabiri, Rowshon Afroz, Amanda Hanashiro Moraes, Shakiba Talebian, Oscar Olfert, Ginny Marshall, Alex K.Y. Lee, Samar Moussa, Sumi Wren, Jeremy Wentzell, Amy Leithead, Jason S. Olfert, Ran Zhao, John Liggitto, ARTHUR W.H. CHAN, Jonathan Abbott, <i>University of Toronto</i>	Presenting Author: ARTHUR W.H. CHAN
61M.8 Wednesday 2:45 PM – 3:00 PM (Platform) OPERA: A New Platform for Next Generation Aerosol Sensing. SURESH DHANIYALA, Ajay Sonar, Sreekesh Kookkal, Brandon Beattie, Claire Fortenberry, <i>Clarkson University</i>	Added Author: CLAIRE FORTENBERRY
8AC.3 Thursday 10:15 AM – 10:30 AM (Platform) Illuminating Chemical Mechanism Gaps through Modeling Secondary Pollutants from Volatile Chemical Products. AMEL KSAIBATI, Huiying Luo, Abraham Dearden, Matthew Coggon, Katelyn Rediger, Carsten Warneke, Lu Tan, Damien Ketcherside, Lu Hu, Cort Zang, Tucker Melles, Audrey Lawrence, Megan Willis, Lauren A. Garofalo, Brett Palm, Julia Lee-Taylor, Shantanu Jathar, <i>Colorado State University</i>	Author List Updated
9BQ.9 Thursday 1:00 PM – 3:00 PM (Poster) Wildfire Smoke Fungal Bioaerosols Include Disease-Causing Pathogens Confirmed in Mouse Models. LEDA KOBZIAR, Borna Mehrad, Krista Bonfantine, Zifan Zhao, Phineas Lampman, Nicolas Anger, Karen Garrett, Sam Fox, Ashish Adhikari, Michael Remke, Jason Smith, <i>University of Idaho College of Natural Resources</i>	Author Name Updated: Sam Fox

AUTHOR INDEX CORRECTIONS (Note: BOLDDED PRESENTATION IS WHERE AUTHOR PRESENTS)

AUTHOR & PRESENTATIONS	CORRECTION
Ackerman, Daniel N. – 2BA.1	Removed Presentation: 2BA.7
Carbone, Francesco – 11M.6, 2NP.3 10CO.3, 12NP.4	Added Presentation: 2NP.3
Chan, Arthur W. H. – 3CE.4, 6BQ.1 , 6BQ.8, 6CE.4, 8AC.2, 9CE.3	Bolded Presentation: 6BQ.1

Crown, Kevin K. – 2BA.7	Removed from Author Index
Devabhaktuni, Satharaj – 9CE.4, 12CM.1	Added Presentation: 12CM.1
Devabhaktuni, Sonam – 9CE.4, 12CM.1	Added Presentation: 12CM.1
Escamilla Rodriguez, Eduardo - 2BA.8	Added to Author Index
Farmer, Delphine K. – 1CE.1, 6CE.5, 9UA.5, 10BA.2	Removed Presentation: 8AC.3
Fortenberry, Claire – 10CO.4, 6IM.8	Added Presentation: 6IM.8
Fuhr, Owen S. – 1IM.6, 2NP.3, 12NP.4	Added Presentation: 2NP.3
Garcia Lunar, Juan - 2BA.8	Added to Author Index
Herrera, Vicki – 2BA.1	Removed Presentation: 2BA.7
Hogan, Christopher J. – Plenary 2, 1AP.1, 1AP.2, 1AP.4, 2AP.7, 2AP.8, 2AP.10, 2CM.1, 2IM.2, 2IM.3, 2NP.1, 7IM.1, 7RA.3, 12CM.3	Removed Presentation: 2BA.7
Khatarkar, Pankaj – 9CA.1	Removed from Author Index
Khlystov, Andrey – 2BQ.2, 2BQ.5, 9CE.1, 9IM.3	Removed Presentation: 2BQ.5
Klug, Elizabeth A. – 2BA.1	Removed Presentation: 2BA.7
Lee-Taylor, Julia - 8AC.3	Added to Author Index
Nannu Shankar, Sripriya – 2RA.7, 2RA.8 , 11BA.3	Bolded Presentation: 2RA.8
Niu, Xinyi – 2RA.8, 4JS.29 , 9RA.6	Unbolded Presentation: 2RA.8
Palm, Brett - 8AC.3	Added to Author Index
Pan, Dipanjan – 2BA.7	Removed from Author Index
Park, Tyler – 2NP.3 , 12NP.4	Added Bolded Presentation: 2NP.3
Raman, Ramya Sunder – 9CA.1	Removed from Author Index
Ravnholt, Ashley R. – 2BA.1	Removed Presentation: 2BA.7
Rivera, Danielle N. – 2BA.1	Removed Presentation: 2BA.7
Samburova, Vera – 2BQ.5	Removed from Author Index
Santarpia, Joshua L. – 2BA.1	Removed Presentation: 2BA.7
Shen, Hongru – 6BQ.1, 6BQ.8	Unbolded Presentation: 6BQ.1
Srikrishna, Devabhaktuni – 6RA.6 , 9CE.4 , 12CM.1	Added Bolded Presentation: 12CM.1
Stump, Braden – 9IM.2	Removed Presentation: 2BA.7
Ware, Jessica – 2BA.7	Removed from Author Index
Wen, Yan – 9IM.3	Removed Presentation: 2BQ.5
Woslager, C.J. – 2BA.1	Removed Presentation: 2BA.7
Ye, Chen – 3UA.2	Removed from Author Index
Yildirim, Serdar – 2NP.3, 12NP.4	Added Presentation: 2NP.3
Zawadowicz, Maria A. – 2AC.23, 2RM.8, 3IM.1, 9AC.13, 9IM.19, 10SA.6, 12BA.1, 12BA.4	Added Presentation: 9IM.19