

ADDENDUM: Changes to Final Program of the 2019 AAAR Annual Meeting

WITHDRAWN PRESENTATIONS

11M.5*	Evaluation of Black Carbon Mass Concentrations Measured Using a Miniaturized Aethalometer in Comparison with Continuous Soot Monitoring System (COSMOS) and a Single-Particle Soot Photometer (SP2). TAKUMA MIYAKAWA, Petr Mordovskoi, Yugo Kanaya, <i>Japan Agency for Marine-Earth Science and Technology</i>
2CC.14	The Influences of Secondary Organic Aerosols on Cloud Condensation Nuclei: Insights from a Global Model Employing Detailed Aerosol Microphysics. MARGUERITE COLASURDO MARKS, Peter Adams, <i>Carnegie Mellon University</i>
2HA.11	Study on the Effect of Particle Size, Seasonal Transition and Site Variability on the Toxicity of Particulate Matter in Northern India. AJAY TANEJA, Himanshi Rohra, <i>DR. B.R.A. University, Agra, India</i>
2HA.18	The State of Ambient Air Quality of a Mega City in Southeast Asia (Karachi, Pakistan): An Alarming Situation. FATIMA JABEEN, Haider Khwaja, Iftikhar I. Naqvi, Abdul Malik, Sardar A. Siddiqui, <i>University of the Punjab, Lahore</i>
2IM.21	New Aerosol Instruments and Applications. TIM GORDON, Gavin McMeeking, Ping Chen, <i>Handix Scientific</i>
2RA.13	Modeling Multi-Decadal Trends in Concentrations of PM_{2.5} and Its Precursors. MARGUERITE COLASURDO MARKS, Peter Adams, <i>Carnegie Mellon University</i>
4JS.59	Bohan YIN, Ph.D. Candidate and Desired Post Doc Research Position. BOHAN YIN, <i>The Chinese University of Hong Kong</i>
6HA.1*	Particulate Matter Sources and Their Impact on Oxidative Potential in Europe. KASPAR DAELLENBACH, Gaëlle Uzu, Jianhui Jiang, Laure-Estelle Cassagnes, Athanasia Vlachou, Giulia Stefanelli, Francesco Canonaco, Ivan Kourtchev, Arjo Segers, Martijn Schaap, Markus Kalberer, Alexandre Albinet, Sebnem Aksoyoglu, Josef Dommen, Urs Baltensperger, Imad El Haddad, Jean-Luc Jaffrezo, Andre S.H. Prévôt, <i>Paul Scherrer Institute</i>
6HA.8*	Impact of Chemical Aging on the Toxicity of Biogenic and Anthropogenic Organic Aerosols Using Model Cells. Sophie Tomaz, Alain Geloën, Dandan Li, Yohann Clément, Pierre Lantéri, Sebastien Perrier, MATTHIEU RIVA, Chrisitan George, <i>CNRS-IRCELYON</i>
6RA.2*	Contribution of Volcanic Dust Resuspended from Surface Soil of Iceland to PM of Central Balkan. DRAGANA ĐORĐEVIĆ, Ivana Tošić, Sanja Sakan, Srđan Petrović, Jelena Đuričić-Milanković, David C. Finger, Pavla Dagsson-Waldhauserová, <i>Centre of Excellence in Environmental Chemistry and Engr</i>
7BC.4*	An Evaluation of Smoke Impacts and Smoke Modeling Techniques. SHAWN P. URBANSKI, Derek Mallia, Adam Kochanski, <i>USDA Forest Service.</i> INVITED.
7RA.6*	Transboundary Air Pollution and Public Health in Northeast Asia: Attribution-Of-Responsibility Framing Effects Among Koreans. PARHAM AZIMI, Matthew Shapiro, Hao Huang, Brent Stephens, <i>Harvard School of Public Health</i>
9AC.1	Long-term Analysis of Sources Contributing to PM_{2.5} in Beijing. KASPAR DAELLENBACH, Jing Cai, Jordan Krechmer, Chao Yan, Yonghong Wang, Biwu Chu, Feixue Zheng, Liine Heikkinen, Tommy Chan, Lubna Dada, Juha Kangasluoma, Ying Zhou, Joni Kujansuu, Tuukka Petäjä, Veli-Matti Kerminen, Federico Bianchi, Douglas Worsnop, Yongchun Liu, Manjula Canagaratna, Markku Kulmala, <i>Beijing University of Chemical Technology</i>
9AS.7	Using Indoor Positioning and Mobile Sensing for Spatial Exposure and Environmental Characterizations: Pilot Demonstration of PM_{2.5} Mapping. KAI-CHUNG CHENG, Ching-Hao Tseng, Lynn M. Hildemann, <i>Stanford University</i>
11BA.3*	Bioaerosol Viability and Particle Dynamics of Aerosolized BCG Vaccine Using Jet and Clinical Nebulizers. Rachel Redmann, Deepak Kaushal, Philip Kuehl, CHAD ROY, <i>Tulane University</i>
11CA.4*	Browning of Brown Carbon Aerosol via Nocturnal NO₃ Radical Oxidation. CHUNLIN LI, Quanfu He, Yinon Rudich, <i>Weizmann Institute of Science</i>
13AC.4*	The Role of Highly Oxygenated Dimers in the Formation of New Particles in the Atmosphere. MATTHIEU RIVA, Liine Heikkinen, Markus Lampimäki, Janne Lampilahti, Haiyan Li, Federico Bianchi, Otso Peräkylä, Pekka Rantala, Xinke Wang, Chrisitan George, Pierr Flaud, Eric Villenave, Emilie Perraudin, Mikael Ehn, Jonathan Duplissy, <i>University of Helsinki</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
11M.5 Tuesday 10:45 AM (Platform) Investigation of Carbon Nanotube Concentrations as Elemental Carbon. PATRICK O'SHAUGHNESSY, Ralph Altmaier, Craig Holder, <i>University of Iowa</i>	2IM.10 Tuesday 1:00 PM – 3:00 PM (Poster) Investigation of Carbon Nanotube Concentrations as Elemental Carbon. PATRICK O'SHAUGHNESSY, Ralph Altmaier, Craig Holder, <i>University of Iowa</i>
6HA.1 Wednesday 1:00 PM (Platform) Glottis Opening Effects on Inhaled Particle Deposition in Human Airways. TED SPERRY, Yu Feng, <i>Oklahoma State University</i>	2HA.15 Tuesday 1:00 PM – 3:00 PM (Poster) Glottis Opening Effects on Inhaled Particle Deposition in Human Airways. TED SPERRY, Yu Feng, <i>Oklahoma State University</i>
6HA.8 Wednesday 2:45 PM (Platform) Quantitative Assessment of Organic Compound Deposition in the Human Respiratory System from Rechargeable E-Cigarettes. YUAN SHAO, Kirsten Koehler, Ana Rule, Wentai Luo, Kevin McWhirter, Jim Pankow, <i>Johns Hopkins Bloomberg School of Public Health</i>	2HA.16 Tuesday 1:00 PM – 3:00 PM (Poster) Quantitative Assessment of Organic Compound Deposition in the Human Respiratory System from Rechargeable E-Cigarettes. YUAN SHAO, Kirsten Koehler, Ana Rule, Wentai Luo, Kevin McWhirter, Jim Pankow, <i>Johns Hopkins Bloomberg School of Public Health</i>
6RA.2 Wednesday 1:15 PM (Platform) Aerosol Shape Classification by Deep Learning of Scattering Patterns. PATRICIO PIEDRA, Yong-Le Pan, Gorden Videen, <i>U.S. Army Research Laboratory</i>	2RA.7 Tuesday 1:00 PM – 3:00 PM (Poster) Aerosol Shape Classification by Deep Learning of Scattering Patterns. PATRICIO PIEDRA, Yong-Le Pan, Gorden Videen, <i>U.S. Army Research Laboratory</i>
7BC.4 Wednesday 4:15 PM (Platform) The Sources and Evolution of Ice Nucleation Particles Emitted by Biomass Burning. LYDIA JAHL, Leif Jahn, Michael Polen, Thomas Brubaker, Bailey Bowers, Sara Graves, Ryan Sullivan, <i>Carnegie Mellon University</i>	2BC.7 Tuesday 1:00 PM – 3:00 PM (Poster) The Sources and Evolution of Ice Nucleation Particles Emitted by Biomass Burning. LYDIA JAHL, Leif Jahn, Michael Polen, Thomas Brubaker, Bailey Bowers, Sara Graves, Ryan Sullivan, <i>Carnegie Mellon University</i>

RESCHEDULED PRESENTATIONS -- Continued

NEW PRESENTATION	ORIGINAL PRESENTATION
<p>7BC.5 Wednesday 4:30 PM (Platform) Significant Impact of Transported African Biomass Burning on Phosphorus Deposition and Biogeochemical Cycles in the Amazon and Tropical Atlantic Ocean. Anne Barkley, Joseph M. Prospero, Natalie Mahowald, Douglas Hamilton, Kimberly Popendorf, Amanda Oehlert, Ali Pourmand, Alexandre Gatineau, Kathy Panechou-Pulcherie, Patricia Blackwelder, CASSANDRA GASTON, <i>University of Miami</i></p>	<p>2BC.8 Tuesday 1:00 PM – 3:00 PM (Poster) Significant Impact of Transported African Biomass Burning on Phosphorus Deposition and Biogeochemical Cycles in the Amazon and Tropical Atlantic Ocean. Anne Barkley, Joseph M. Prospero, Natalie Mahowald, Douglas Hamilton, Kimberly Popendorf, Amanda Oehlert, Ali Pourmand, Alexandre Gatineau, Kathy Panechou-Pulcherie, Patricia Blackwelder, CASSANDRA GASTON, <i>University of Miami</i></p>
<p>7RA.6 Wednesday 4:45 PM (Platform) Chemical Imaging of Atmospheric Particles Sampled over Agricultural Fields in Indiana. JAY TOMLIN, Kevin Jankowshi, Swarup China, Brian Stirn, Robert Kaeser, Paul Shepson, Alexander Laskin, <i>Purdue University</i></p>	<p>2RA.3 Tuesday 1:00 PM – 3:00 PM (Poster) Chemical Imaging of Atmospheric Particles Sampled over Agricultural Fields in Indiana. JAY TOMLIN, Kevin Jankowshi, Swarup China, Brian Stirn, Robert Kaeser, Paul Shepson, Alexander Laskin, <i>Purdue University</i></p>
<p>9AS.2 Thursday 12:15 PM – 1:45 PM (Poster) Low-cost Sensor Packages in Parking Garages to Determine Emission Factors and Assess the Relative Importance of Cold Start Operation on Air Quality. BINGQI LIU, Katia Cantu Flores, Sakshi Jain, Mrinmoy Chakraborty, Naomi Zimmerman, <i>University of British Columbia</i></p>	<p>11AS.3 Thursday 4:00 PM (Platform) Low-cost Sensor Packages in Parking Garages to Determine Emission Factors and Assess the Relative Importance of Cold Start Operation on Air Quality. BINGQI LIU, Katia Cantu Flores, Sakshi Jain, Mrinmoy Chakraborty, Naomi Zimmerman, <i>University of British Columbia</i></p>
<p>11AS.3 Thursday 4:00 PM (Platform) Spatiotemporal Modeling of PM_{2.5}, CO and NO₂ Concentrations Measured by a Low-cost Sensor Network: Comparison of Linear and Machine-learning Enabled Land Use Models. SAKSHI JAIN, Albert Presto, Naomi Zimmerman, <i>University of British Columbia</i></p>	<p>9AS.2 Thursday 12:15 PM – 1:45 PM (Poster) Spatiotemporal Modeling of PM_{2.5}, CO and NO₂ Concentrations Measured by a Low-cost Sensor Network: Comparison of Linear and Machine-learning Enabled Land Use Models. SAKSHI JAIN, Albert Presto, Naomi Zimmerman, <i>University of British Columbia</i></p>
<p>11BA.3 Thursday 4:00 PM (Platform) Improved Discrimination Between Dust and Bioaerosol by Aerosol Time-of-Flight Mass Spectrometry. GAVIN CORNWELL, Camille Sultana, Markus Petters, Hashim Al-Mashat, Nicholas Rothfuss, Hans Taylor, Paul DeMott, Sonia Kreidenweis, Andrew Martin, Kimberly Prather, <i>University of California, San Diego</i></p>	<p>9BA.1 Thursday 12:15 PM – 1:45 PM (Poster) Improved Discrimination Between Dust and Bioaerosol by Aerosol Time-of-Flight Mass Spectrometry. GAVIN CORNWELL, Camille Sultana, Markus Petters, Hashim Al-Mashat, Nicholas Rothfuss, Hans Taylor, Paul DeMott, Sonia Kreidenweis, Andrew Martin, Kimberly Prather, <i>University of California, San Diego</i></p>
<p>11CA.4 Thursday 4:15 PM (Platform) Quantifying Organic Matter and Functional Groups in Aerosol Filter Samples from the Southeastern Aerosol Research and Characterization (SEARCH) Network. ALEXANDRA BORIS, Satoshi Takahama, Andrew Weakley, Bruno Debus, Stephanie L. Shaw, Eric Edgerton, Ann Dillner, <i>University of California, Davis</i></p>	<p>9CA.14 Thursday 12:15 PM – 1:45 PM (Poster) Quantifying Organic Matter and Functional Groups in Aerosol Filter Samples from the Southeastern Aerosol Research and Characterization (SEARCH) Network. ALEXANDRA BORIS, Satoshi Takahama, Andrew Weakley, Bruno Debus, Stephanie L. Shaw, Eric Edgerton, Ann Dillner, <i>University of California, Davis</i></p>
<p>13AC.4 Friday 12:00 PM (Platform) Aerosol Precursors from Agricultural Emissions. PHILIP SILVA, <i>USDA - Agricultural Research Service</i></p>	<p>9AC.23 Thursday 12:15 PM – 1:45 PM (Poster) Aerosol Precursors from Agricultural Emissions. PHILIP SILVA, <i>USDA - Agricultural Research Service</i></p>

SESSION CHAIR CHANGES AND CORRECTIONS

SESSION	WILL BE CO-CHAIR BY
IIM INSTRUMENTATION AND METHODS I: OPTICAL AND PHYSICAL MEASUREMENTS	Markus Petters and Gavin McMeeking

PRESENTING AUTHOR CHANGES AND OTHER CORRECTIONS

PRESENTATION	PRESENTING AUTHOR
<p>2HA.1 Tuesday 1:00 PM – 3:00 PM (Poster) Oxidative Potential and Cytotoxicity of Ambient Fine Particulate Matter During Winter at Beijing, China and Gwangju, Korea. MA. CRISTINE FAYE DENNA, Lucille Joanna Borlaza, Hangyul Song, Enrique Cosep, Ilhwa Seo, Hyunok Maeng, Minhan Park, Min-Suk Bae, Kihong Park, <i>Gwangju Institute of Science and Technology</i></p>	ILHWA SEO
<p>8IM.5 Thursday 10:45 AM (Platform) A Novel High-Resolution Ion Mobility Drift Tube with Diffusion Auto-correction. Xi Chen, CARLOS LARRIBA-ANDALUZ, <i>IUPUI</i></p>	XI CHEN
<p>9IS.19 Thursday 12:15 PM – 1:45 PM (Poster) Characterizing Emissions from Heating Simulated Cannabis Extracts. XIAOCHEN TANG, Lucia Cancelada, *Vi Rapp, Marion Russell, Marta Litter, Lara Gundel, Hugo Destailats, <i>Lawrence Berkeley National Laboratory</i></p>	Presenting author: XIAOCHEN TANG *added author: Vi Rapp
<p>11CO.1 Thursday 3:30 PM (Platform) It's Not All about Mass: Changes in Particle Number and Composition from Light Duty Vehicle Engine Combustion through the Use of Gasoline Particle Filters. REBECCA TANZER, Stani Bohac, Albert A. Presto, <i>Carnegie Mellon University</i></p>	REBECCA TANZER GRUENER