

UIC Workshops on Beneficial Electrification of Transportation

May 18 UIC EV Workshop on Transportation Electrification Infrastructure

1:00-2:30 PM on Monday, May 18, 2020

[Eventbrite Link](#) | [Detailed Program Link](#)

SPEAKER BIOS



Dan Bowermaster

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Dan Bowermaster is the Senior Program Manager for Electric Transportation at the Electric Power Research Institute (EPRI), an independent non-profit center for public interest energy and environmental research. EPRI's electric transportation program provides research critical to the development of technology, infrastructure, and analytics necessary to support the advancement of electric transportation.

Prior to joining EPRI in 2011, Bowermaster worked at Pacific Gas & Electric Company where he led PG&E's customer-facing Electric and Natural Gas Vehicles team. He joined PG&E in September 2008 as part of the MBA Leadership Program, working in various departments across PG&E.

Bowermaster completed the Wharton-Lauder dual graduate degree program, earning an MBA from the Wharton School of Business and an MA in international studies from the University of Pennsylvania. In addition, he holds a BS in mechanical engineering and a BA in international relations from the University of California, Davis. Bowermaster and his wife live in San Francisco with their three young kids. His passions include old cars, big dogs, and hiking.

For more information about the UIC EV Workshops, please contact the organizer, Dr. Elizabeth A. Kócs at ekocs@uic.edu or 708.267.4097.

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Alex Keros
Lead Architect – EV Charging
General Motors
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The transportation industry is moving at a rapid pace with the rise of car-sharing, ridehailing services and a larger focus towards electric vehicles. As the landscape continues to change, Alex Keros, Lead Architect – EV Charging, is helping General Motors improve the electric vehicle consumer experience. In his role, he identifies and facilitates partnerships with key stakeholders such as EV charging companies, utility companies, policymakers and others to find the best solutions. Having joined the team after his role as Smart Cities Chief at Maven, Alex has extensive experience bringing together various stakeholders to create mobility solutions.

Alex is excited to be on the forefront of creating and finding economical and safe solutions that drive General Motors towards its vision of an all-electric, emissions free future. His “get-it-done, step-by-step” approach allows him to see simple, incremental solutions building into sustainable infrastructure for new mobility experiences.

Alex joined GM in 2007 and has worked across various teams to create frameworks around new innovative eco-friendly products – Chevy Bolt and GM’s Hydrogen Fuel Cell Equinox – so that consumers will have the best experience, including while charging. His unique skill in balancing energy policy, environmental engineering and business strategy has given him an innovative toolbox to tap into to electrify mobility. He also has been appointed and served as the Commissioner in Massachusetts’ Zero Emission Vehicle Commission and for the Maryland Electric Vehicle Infrastructure Council.

Alex began his career in environmental consulting where he managed the assessment and remediation of hazardous waste sites for Fortune 500 companies. He has extensive experience in environmental policy design and implementation. Alex earned a B.S. in Natural Resource Management and a Master’s in Business Administration from the University of Michigan.

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Thomas Wallner, PhD

Manager, Advanced Mobility and Grid Integration Technology Research
Center for Transportation Research, Argonne National Laboratory
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Dr. Thomas Wallner is the manager of the Advanced Mobility and Grid Integration Technology Research section in Argonne's Center for Transportation Research. His team focuses on the experimental evaluation and analysis of advanced vehicle technologies including conventional, electrified and connected and automated vehicles as well as electric vehicle charging infrastructure.

Thomas has published more than 100 peer-reviewed technical papers including 30 journal papers and several book chapters. He is an active Fellow Grade member of the Society of Automotive Engineers (SAE) and has been serving as a session organizer and chair at several national and international conferences.



Kevin Miller

Director – Public Policy
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Kevin George Miller is Director of Public Policy for ChargePoint, the world's largest network of electric vehicle charging stations. Kevin works with legislatures and regulatory agencies throughout the Northeast and Midwest to overcome barriers to transportation electrification, as well as on US federal policy. Before coming to ChargePoint, he served as Chief Financial Officer for the Executive Office of Energy & Environmental Affairs in Massachusetts, where he led fiscal policy and strategy for six state agencies. Kevin was appointed to the New Hampshire EV Charging Infrastructure Commission, is the Infrastructure Co-Chair of Drive Electric Pennsylvania, and participated in the Charging Infrastructure Expert Group that developed Canada's National Zero Emission Vehicle Strategy.

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Moderator



Elizabeth A. Kócs, PhD

Director, Partnerships & Strategy, UIC Energy Initiative

Co-Founder, Center for Urban Resilience and Environmental Sustainability

NREL Energy Executive, National Renewable Energy Laboratory

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Dr. Elizabeth A. Kócs is an environment-behavior scientist at the intersection of social, economic, policy, and technological advances in energy, sustainability and urban resilience. At the UIC Energy Initiative, she has a strong focus on energy and technology for transportation, the electrical grid and smart cities. She brings years of expertise in relationship building and partnership engagement to grow the UIC energy and sustainability network, programs and impact, and to cultivate local, regional, national and international initiatives to support collaborative efforts fostering Chicago's growing energy, mobility, and urban sustainability ecosystems. Dr. Kócs is a founding leader of the Center for Urban Resilience and Environmental Sustainability (CURES), a University of Illinois collaborative focused on providing cities with knowledge and pathways for achieving climate resilience. As a National Renewable Energy Laboratory (NREL) Energy Executive Leader, she works with the Metropolitan Mayors Caucus (MMC) to leverage expertise, tools and resources across research, public and private entities to develop benchmarking and strategic analytics for addressing climate-related energy and transportation challenges. She continues to serve on the Materials Research Society *MRS Bulletin Energy Quarterly* Board and the MRS Focus on Sustainability Subcommittee, leveraging her knowledge and network to strengthen the energy and sustainability dialogue in the materials community. Dr. Kócs earned a Bachelor of Architecture from Pratt Institute, an Executive MBA from the University of Illinois, and a PhD from the City University of New York.

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