

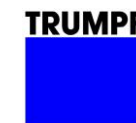
Program Tuesday, May 9, 2017

Registration 8:00am – 8:30am

Plenary & Keynote: Clean Air & Emission Solution Pathways <i>Ballroom: A & B - 8:30 am to 1:00 pm</i> Session Chair: Hank Sullivan Director - Analysis, Validation, and Systems Test, Clean Air Division <i>Tenneco</i> Ted Asako Supervisor of Product Development <i>NGK Ceramics</i>		Design, Engineering & Systems Optimization For Emissions Reduction <i>Ballroom A & B – 2:00 pm to 8:00 pm</i> Session Co-Chairs: Gordon Bartley, PhD Scientist <i>Southwest Research Institute</i> Krishna Kamasamudram, PhD Technical Advisor <i>Cummins</i>	
8:30 am	eV Communications: Supporting the transition from ICE to BEV Judy Brunson Head of eMobility, High Voltage Systems, & Quality, Powertrain & eDrive Division <i>Daimler</i>	2:00 pm	Oil Ash Influence on SCR Performance Gordon Bartley, PhD, Scott Eakle, Cary Henry, PhD <i>Southwest Research Institute</i>
9:00 am	Advanced Energy Storage Research and Development Chris Gearhart, PhD Director <i>NREL</i>	2:30 pm	Pathways for Highly-Efficient Diesel Powertrains To Meet SULEV 30 Emissions Legislation Targets Tamas Szailer, PhD <i>FEV North America</i>
9:30 am	Advanced Battery Manufacturing Technology in China Robert Galyen Chief Technology Officer <i>CATL Battery</i>	3:00 pm	Catalyst Sulfur Poisoning and Recovery Behaviors: Key for Designing Advanced Emission Control Systems Ashok Kumar, PhD, Krishna Kamasamudram, PhD, Aleksey Yezerets, PhD <i>Cummins</i>
10:00 am	Li Metal Battery - Application in Automotive Mei Cai, PhD Manager <i>General Motors</i>	3:30 pm	Break
10:30 am	Break	4:00 pm	Evidence From A High-Volume Real-World Test Program Nick Molden <i>Emissions Analytics</i>
11:00 am	Emerging Technologies and Regulations, Technology Trends and Regulations Driving Reduction in Vehicular Emissions Ameya Joshi, PhD Manager <i>Corning Incorporated</i>	4:30 pm	System Reliability Assessment Methodologies for Emission Control Products Jason Hamilton <i>Tenneco</i>
11:30 am	Emissions Regulatory Update: Impacts to U.S., Canada, and Mexico Kevin Brown Director <i>Tenneco</i>	5:00 pm	Emerging Markets: NSVI/BSVI Mojghan Naseri <i>Johnson Matthey</i>
12:00 pm	ARB Low NOx Initiatives Christopher Sharp <i>Southwest Research Institute</i>	5:30 pm	Gasoline Particulate Filters - The Robust Solution for Particulate Reduction Nicholas Hadjicharalambous <i>NGK - Detroit</i>
12:30 pm	Catalyst-Based Emission Control: What Does The Future Hold? Louise Arnold, PhD, Sougato Chatterjee, PhD <i>Johnson Matthey</i>	6:00 pm	LEAVE FOR TRUMPF OPEN HOUSE AND RECEPTION 47711 Clipper Street Plymouth Township, MI 48170
1:00 pm	Session Adjourned & Lunch	8:00 pm	Adjournment

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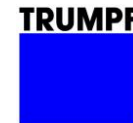
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Program Wednesday, May 10, 2017 Registration 8:30am – 9:00 am	
Battery Materials & Energy Technology Development <i>Ballroom A & B - 8:30 am to 12:30 pm</i> Program Co-Chairs: Louise Arnold, PhD Technical Director <i>Johnson Matthey</i> Xingcheng Xiao, PhD Staff Research Scientist <i>General Motors</i> Oliver Gross Manager <i>Fiat Chrysler Automobiles</i>	Battery Manufacturing – Processes & Systems Integration <i>Ballroom A & B - 1:30 pm to 7:30 pm</i> Program Chair: Wayne Cai, PhD Staff Researcher <i>General Motors</i> Ying Shi, PhD Testing & Control Engineer <i>NREL</i> Yi Ding, PhD Engineer <i>US Army</i>
8:30 am Lithium Metal Anodes: From Fundamentals to Interfacial Engineering Neil Dasgupta <i>University of Michigan</i>	1:30 pm Keynote: Achieving Success in the Battery Market: A Combination of Strategy, Product, and Manufacturing John Warner, PhD <i>EnerDel</i>
9:00 am Solid Polymer Electrolyte Elaine Zhu, PhD <i>Wayne State University</i>	2:15 pm Remanufacturing Advanced Battery Packs: Lesson Learned Dick Spiers <i>Spier New Technologies</i>
9:30 am Hybrid Energy Storage: Key For High Performance Energy Storage Devices Ajay Jagadale, Douglas Blaisdell, Hengbin Fan, Xuan Zhou, PhD <i>Kettering University</i>	2:45 pm Fiber Laser Welding Techniques for Low to Mid Power Battery Applications David Krattley <i>IPG Photonics</i>
10:00 am Estimation of Electrode Design Parameters for Li-Ion Battery Modeling Meng Xu, Xia Wang, PhD <i>Oakland University</i>	
10:30 am Break	3:15 pm Break
11:00 am Development of Physics-Based Liion Battery Model Through Half Cell Measurements Douglas Blaisdell, Hengbin Fan, Ajay Jagadale, Xuan Zhou, PhD <i>Kettering University</i>	3:45 pm Cell Interconnections by Wire and Laser Bonding: Flexible, Cost-Effective and High Quality Sedlmair Josef, PhD <i>F&K Delvotec Bondtechnik GmbH</i>
11:30 am Si Based Negative Electrodes for Next Generation Lithium Ion Batteries Xingcheng Xiao, PhD <i>General Motors</i>	4:15 pm Advanced Battery Design and Manufacturing Using Nanotechnologies Paul Braun, PhD <i>Xerion</i>
12:30 pm Session Adjourned & Lunch	4:45 pm Battery Materials Scale up and Manufacturing Research Greg Krumdick <i>Argonne National Lab</i>
	5:15 pm LEAVE FOR IPG PHOTONICS OPEN HOUSE, RECEPTION AND DINNER 46695 Magellan Drive Novi, MI 48377
	7:30 pm Adjournment

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I will attend the CONFERENCE and EXHIBITS on: May 9th May 10th

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