

**Program Tuesday, May 9, 2017**

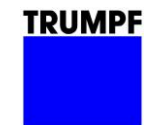
Registration 8:00am – 8:30am

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

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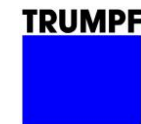
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<b>Program Wednesday, May 10, 2017</b> Registration 8:30am – 9:00 am	
<b>Battery Materials &amp; Energy Technology Development</b> <i>Room: Ballroom A &amp; B- 9:00 am to 12:30 pm</i> Program Co-Chairs: <b>Louise Arnold PhD</b> <b>Technical Director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

**To register and exhibit:**  
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# Registration Form

## FEE SCHEDULE FOR REGISTRANTS

General Registration Fee is \$1295 (*Access to sessions for all days of the conference; also includes an access to the Battery Congress Library for the available abstracts, papers and presentations for one month starting 5 – 10 days after the conclusion of the event, coffee breaks, lunch(es), reception, and access to the exposition*) Login information will be delivered to you via email.

- General Registration Fee is \$1295
- Co-Author Registration Fee is \$895
- Authors, Chairs, and Director of Global Automotive Management Council Registration Fee is \$795
- Faculty Registration (NO online library access) is \$465
- Graduate Student Registration (NO online library access) is \$300

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I will attend the Reception on: May 9<sup>th</sup>

\_\_\_\_\_

I will attend the CONFERENCE and EXHIBITS on: May 9<sup>th</sup>  May 10<sup>th</sup>

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PAYMENT METHODS: (*All checks must be drawn from U.S. banks in U.S. funds*)

Make Check Payable to: Global Automotive Management Council in the amount of, US\$ \_\_\_\_\_

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Mail or Fax Registration Form to: Global Automotive Management Council, 5340 Plymouth Road, Suite 205, Ann Arbor, MI 48105, USA. FAX: (734) 786-2242 EMAIL: [info@gamcinc.org](mailto:info@gamcinc.org) REFUND POLICY: Refunds are available with a 50% surcharge until 60 days before the conference. Refunds are no longer available in the 60 days prior to the conference date. All returned checks receive a \$25 fee.

Online Registration Available at [www.gamcinc.org](http://www.gamcinc.org)

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