

Program Tuesday, June 23, 2015

Registration 8:30am – 9:00 am

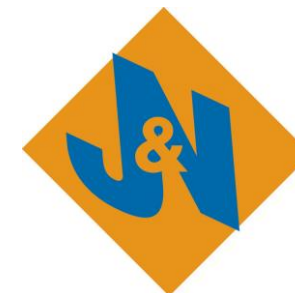
<p>Plenary & Keynote: Solutions for Vehicle Electric Propulsions Room: 105 - 9:00 am to 1:00 pm Session Co-Chairs: Oliver Gross, Technical Fellow <i>Fiat Chrysler Automobiles</i> Yi Ding, PhD, Engineer <i>US Army RDECOM-TARDEC</i></p>		<p>Battery Testing & Control Room: Room 105 - 1:30 pm to 5:15 pm Program Chair: Ying Shi, PhD Research Engineer <i>National Renewable Energy Laboratory</i></p>	
9:00 am	<p>Oliver Gross Technical Fellow <i>Fiat Chrysler Automobiles</i></p>	2:00 pm	<p>Introduction & Technology Overview Ying Shi, PhD Research Engineer <i>National Renewable Energy Laboratory</i></p>
9:30 am	<p>Kent Snyder Energy Storage Development Group Supervisor & Technical Expert <i>Ford</i></p>	2:15 pm	<p>Multi-zone Thermal Model for Lithium-ion Battery Pack Ying Shi, PhD Kandler Smith, PhD Eric Wood, PhD <i>National Renewable Energy Laboratory</i></p>
10:00 am	<p>Chris Gearhart, PhD Director of Transportation and Hydrogen Systems Center <i>National Renewable Energy Laboratory</i></p>	2:45 pm	<p>Calorimetry for Various Size Battery Efficiency Evaluation, Aron Saxon, PhD. Matthew Keyser, PhD <i>National Renewable Energy Laboratory</i></p>
10:30 am	Break	3:15 pm	Break
11:00 am	<p>Kelly Jezierski Director, Energy Storage <i>NextEnergy Center</i></p>	3:45 pm	<p>Graphene Composite for Advanced Energy Storage Yigang Tong, Bi Fu, Xuan Zhou, PhD <i>Kettering University</i> Yaping Wang, PhD <i>Xi'an Jiaotong University</i></p>
11:30 am	<p>Ghassan Khalil Chief Engineer, Ground Vehicle Power and Mobility <i>US Army</i></p>	4:15 pm	<p>Software & Hardware Considerations when Integrating a Battery Pack into an EV/PHEV Christopher Ferone <i>New Eagle Consulting LLC</i></p>
12:00 pm	<p>Yue Qi, PhD Associate Professor <i>Michigan State University</i></p>	4:45 pm	<p>HIL Development and Validation of Lithium-ion Battery Packs for Plug-in and Battery Electrical Vehicles SoDuk Lee, PhD Jeff Cherry, PhD Joseph McDonald, PhD <i>US Environmental Protection Agency</i></p>
12:30 pm	Q&A Panel Discussion	5:15 pm	Session Adjourned & Reception
1:00 pm	Session Adjourned & Lunch		

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Program Wednesday, June 24, 2015 Registration 8:30am – 9:00 am	
Battery Materials & Energy Technology Development <i>Room: Room 105 - 9:00 am to 12:15 pm</i> Program Chair: Xingcheng Xiao, PhD Staff Research Scientist <i>General Motors</i>	Battery Materials & Energy Technology Development Part 2 <i>Room: Room 105 – 1:15 pm to 5:15 pm</i> Session Chair: Venkat Anandan, PhD Research Engineer <i>Ford</i>
9:00 am Opening Remarks & Technology Overview Xingcheng Xiao, PhD Senior Researcher <i>General Motors</i>	1:15 pm Opening Remarks & Technology Overview Venkat Anandan, PhD Research Engineer <i>Ford</i>
9:15 am Advanced Materials for Rechargeable Zinc-air Battery Zhongwei Chen, PhD <i>University of Waterloo</i>	1:30 pm High Energy Battery Material Research and Automotive Target Modeling Rachel Blaser Mohan Karulkar Jim Adams <i>Ford</i>
9:45 am Development of Hierarchically-Structured Carbon and Metal Oxides for Enhanced Capacity Retention in Li-S Batteries Vic Liu, PhD <i>General Motors</i>	2:00 pm Li-Ion Battery Modeling Meng Xu, PhD <i>Oakland University</i>
	2:30 pm Fe₃O₄ Hollow Mesocrystal for Advanced Energy Storage Bi Fu, PhD, Yigang Tong, PhD, Xuan Zhou, PhD, Prem Vaishnava, PhD <i>Kettering University</i> Yaping Wang, PhD <i>Xi'an Jiaotong University</i>
10:15 am Break	3:00 pm Break
10:45 am Graphene Based Materials for Supercapacitor Development Aiqing Yu, PhD <i>University of Waterloo</i>	3:30 pm LI-ion Battery Heat Generation Measurement Steven Bazinski <i>Oakland University</i>
11:15 am Mesostructured Materials for High Volumetric Density Lithium-Ion Batteries Da Deng, PhD <i>Wayne State University</i>	4:00 pm Towards Enabling Practical Rechargeable Mg Batteries Using New Strategies for Electrolytes Development Rana Mohtadi, PhD <i>Toyota</i>
11:45 am Solid Electrolyte For Advanced Lithium Ion Batteries Thomas Yersak, PhD <i>General Motors</i>	4:30 pm Diffusivity of Lithium in Amorphous Silicon Anode Miao Wang, PhD, Xinran Xiao, PhD <i>Michigan State University</i> Xiaosong Huang, PhD <i>General Motors</i>
12:15 pm Session Adjourned & Lunch	5:00 pm Session Adjourned

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Registration Form

FEE SCHEDULE FOR REGISTRANTS

General Registration Fee is \$1595 (*Access to sessions for all days of the conference; also includes an access to the Battery Congress Library for abstracts, papers and presentations for one month, coffee breaks, two lunch(es), the reception, and access to the exposition*)

- General Registration Fee is \$1595
- Co-Author Registration Fee is \$895
- Authors, Chairs, and Director of GAMC, Registration Fee is \$695
- Faculty Registration (NO online library access) is \$450
- Graduate Student Registration (NO online library access) is \$250

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I will attend CONFERENCE(S) on: <input type="checkbox"/> June 23 <input type="checkbox"/> June 24
I will attend RECEPTION on <input type="checkbox"/> June 23

PAYMENT METHODS: We accept Visa, MasterCard, and American Express
(All checks must be drawn from U.S. banks in U.S. funds)

Make Checks Payable to: GAMC (Global Automotive Management Council)

Signature: X _____ Date: _____

Mail or Fax Registration Form to: IABC, 5340 Plymouth Road, Suite 205, Ann Arbor, MI 48105, USA.

FAX: (734) 786-2242 EMAIL: info@gamcinc.org

REFUND POLICY: No Refunds after May 7, 2015. There is a 45% surcharge on cancellations before May 7, 2015

Online Registration Available at http://gamcinc.com/gamc_new/conferences/battery-congress/registration/

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Comments: _____

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