

Emissions 2015

Global Automotive Management Council (GAMC) www.gamcinc.org

MSU Management Education Center, June 23-24, 2015

811 W. Square Lake Road, Troy, MI 48098

Program Tuesday, June 23, 2015 Registration 8:30am – 9:00 am	
Plenary & Keynote: Clean Air & Emission Solution Pathways Room: Amphitheater 101 - 9:00 am to 1:00 pm Session Chair: Hank Sullivan Director - Clean Air New Technology Introduction, <i>Tenneco</i>	Low Temperature Emissions & Modeling Room: Amphitheater 101 – 2:00 pm to 5:30 pm Session Co-Chairs: Mike Zammit Manager, <i>Fiat Chrysler Automobiles</i> Gordon Bartley, PhD Principal Scientist, <i>Southwest Research Institute</i>
9:00 am Hank Sullivan Director - Clean Air New Technology Introduction <i>Tenneco</i>	2:00 pm Technology Overview and Opening Remarks Mike Zammit Manager, <i>Fiat Chrysler Automobiles</i> Gordon Bartley, PhD Principal Scientist, <i>Southwest Research Institute</i>
9:15 am Technologies to Meet High Engine Efficiencies and Low Tailpipe Emissions Wayne Eckerle, PhD Vice President <i>Cummins</i>	2:15 pm Approaches to the Challenges of Treating Emissions at Low Temperatures Todd Toops, PhD - Keynote <i>Oak Ridge National Laboratory</i>
9:45 am Evaluation of Technologies to Reduce GHG Emissions of Class 2b – 8 Trucks Thomas (Tom) Reinhart, PhD Institute Engineer <i>SwRI</i>	2:45 pm Opportunities and Challenges Associated with Multi-cylinder Low Temperature Combustion Scott Curran, PhD, <i>Oak Ridge National Laboratory</i>
10:15 am The Science of Clean Air: An Overview of Tenneco's Research Initiative Adam Kotrba Director Research <i>Tenneco</i>	3:15 pm Model based diesel exhaust aftertreatment development for Real Driving Emissions (RDE) Frank Bunar, PhD, Stephan Adelberg, PhD, Friedemann Schrade, PhD Paolo Di Martino <i>IAV</i>
10:45 am Break	3:45 pm Break
11:15 am TWC CC + UF SYSTEM Development for LEV VIII Regulations Dinh Dang Research Engineer <i>BASF</i>	4:00 pm Modeling the Effect of Parasitic Friction Losses on Fuel Economy G. R. Fenske, A. Matthews <i>Argonne National Laboratory</i> <i>Diana Dascalescu Ricardo, Inc.</i>
11:45 am CSC™ ‘Cold Start Concept’ Catalyst Louise Arnold, PhD, FRSC Technical Director, ECT NA Johnson Matthey	4:30 pm Calibration of CFD Injector Spray Modeling with Measurements. Meng-Huang Lu, PhD, Figen Lacin, PhD <i>Tenneco</i>
12:15 pm Low Carbon Intensity Petroleum Fuels Mike Traver, PhD Heavy Duty Research Leader <i>Aramco</i>	5:00 pm A Numerical and Experimental Study of the Effect of Introducing a Gasoline Particulate Filter to the Aftertreatment System on Engine Performance Kiran Premchand, PhD <i>Fiat Chrysler Automobiles</i>
12:45 pm Q&A Panel Discussion	5:30 pm Session Adjourned & Reception at the Exhibits
1:00 pm Session Adjourned & Lunch	6:30 pm Reception Ends

To **register and exhibit**
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MSU Management Education Center, June 23-24, 2015

811 W. Square Lake Road, Troy, MI 48098

Program Wednesday, June 24, 2015

Registration 8:30am – 9:00 am

<p>Emissions System Optimization <i>Room: Amphitheater 101 - 9:00 am to 12:15 pm</i> Session Co-Chairs: Paolo Di Martino Director, IAV Ted Asako Supervisor of Product Development, <i>NGK Ceramics</i></p>		<p>Catalytic Reduction of Lean NOx <i>Room: Amphitheater 101 - 1:15 pm to 5:00 pm</i> Session Chair: Krishna Kamasamudram, PhD Technical Advisor, <i>Cummins</i></p>	
9:00 am	<p>Technology Overview and Opening Remarks Ted Asako Supervisor of Product Development, <i>NGK Ceramics</i> Paolo Di Martino Director, IAV</p>	1:15 pm	<p>Advances in Aftertreatment Catalyst Technologies - Keynote Krishna Kamasamudram, PhD Technical Advisor, <i>Cummins</i></p>
9:15 am	<p>Dilute Sampling System Investigation For The Determination Of Semi-Volatile Organic Compounds (Svoc) Emissions From Heavy-Duty Diesel Engine Exhaust Robert Fanick, PhD <i>SwRI</i></p>	2:00 pm	<p>Material-Environment Interaction and Related Durability/Reliability Assessment Zhigang Wei, PhD <i>Tenneco</i></p>
9:45 am	<p>Assessment of Gas Injectors with the IAV Injection Analyzer Pneumatic Philipp Rolke, PhD <i>IAV</i></p>	2:30 pm	<p>Quality Control and Durability of a Dosing Control Unit Zhigang Wei, PhD, Limin Luo, PhD, Burt Lin, PhD Dimitri Konson, Robert Rebandt <i>Tenneco</i></p>
10:15 am	Break	3:00 pm	Break
10:45 am	<p>GPF Optimization of Material Design and Catalysis Ted Asako <i>NGK</i></p>	3:30 pm	<p>Review And A Conceptual Model Of Exhaust Gas Recirculation (Egr) Cooler Fouling Deposition And Removal Mechanism Taehoon Han, Alan Booth, Sungbum Song, John Hoard <i>University of Michigan</i> Dan Styles <i>Ford Motor Company</i></p>
11:15	<p>Future-Proofing Commercial Truck Fleets Ian Wright <i>Wrightspeed</i></p>	4:00 pm	<p>Development, Technical Challenges, and Commercialization of a XNOx Control System Dimitri Konson, Hank Sullivan <i>Tenneco</i></p>
11:45 am	<p>Overview of Automotive Lubrication Research at Argonne National Laboratory G. R. Fenske <i>Argonne National Laboratory</i></p>	4:30 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 Emissions 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 \$695
- Authors, Chairs, and Director of GAMC, Registration Fee is \$595
- Faculty Registration (NO online library access) is \$450
- Graduate Student Registration (NO online library access) is \$250

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PAYMENT METHODS: We accept Visa, MasterCard, and American Express
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Mail or Fax Registration Form to: IABC, 5340 Plymouth Road, Suite 205, Ann Arbor, MI 48105, USA.

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REFUND POLICY: No Refunds after May 6, 2015. There is a 45% surcharge on cancellations before May 6, 2015

Online Registration Available at http://gamcinc.com/gamc_new/conferences/emissions-2015/registration/

A PayPal Account is required for online registration. If a PayPal account is not already in place you will be required to create one for all international transactions.

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