


Wednesday, May 23, 2018

AM Session	Plenary & Keynote: Clean Air & Emission Solution Pathways Session Co- Chairs: Hank Sullivan Director <i>Tenneco</i> Ted Asako Product Development Manager <i>NGK - Detroit</i>	PM Session	Emissions Product Design & Testing Session Chair: Gordon Bartley, PhD Aftertreatment Catalyst Specialist <i>Bartley Consulting</i> Ashok Kumar, PhD Technical Advisor <i>Cummins</i>
Time	Room VT 425	Time	Room VT 425
9:00 am	Introduction & Welcome Hank Sullivan Director <i>Tenneco</i>	1:30 pm	SCR Outlet NH₃/NO_x Sensor Measurement Performance Using CFD Manoj Sampath, PhD, Figen Lacin, PhD <i>Tenneco</i>
9:15 am	Powertrain Evolution: The Changing Face of Transport Andy Walker, Louise Arnold, PhD <i>Johnson Matthey</i>	2:15 pm	Nanofibre Catalysts Address Need for Cost-Effective Emissions Control of Small Off-Road Engines John Finley <i>MEMPRO</i>
9:45 am	SCR Based After Treatment Architectures for Low Tailpipe N₂O Emissions Krishna Kamasamudram, PhD, Ashok Kumar, PhD, Yadan Tang, PhD, Aleksey Yezerets, PhD <i>Cummins</i>	2:45 pm	Semi-Volatile Organic Compounds (SVOC) Emissions from a Heavy-Duty Diesel Engine Svitlana Kroll, Robert Fanick, PhD <i>Southwest Research Institute</i>
10:15 am	0.02 and Beyond Cary Henry, PhD <i>Southwest Research Institute</i>	3:15 pm	Break
10:45 am	Break	3:45 pm	Evaluation of SCR/F Performance with Different Design Parameters Using Computational Model Liu Yang, PhD, Balaji Sukumar, PhD <i>Johnson Matthey</i>
11:15 am	2018 Bolt EV Warren Parsons, Mike Sigelko <i>General Motors</i>	4:15 pm	Future Advanced Diesel Emission Concepts to Meet Worldwide Ultra-Low Emission Standards for Global Applications Thomas Korfer, Matthias Kotter, Markus Schonen, PhD, Manoj Panda, Julien Berquez, Murat Yumak, Tamas Szailer, PhD <i>FEV</i>
11:45 am	Enablers and Barriers to xEV Implementation Ted Miller, PhD <i>Ford</i>		
12:15 am	Q&A Panel Discussion		
12:30 pm	Session Adjourned & Lunch	5:00 pm	Adjournment & Leave for TRUMPF 



Thursday, May 24, 2018

AM Session	Catalytic Reduction Session Chair: Louise Arnold, PhD Director <i>Johnson Matthey</i>	PM Session	Systems Optimization Session Chair: Krishna Kamasamudram, PhD Technical Advisor <i>Cummins</i>
Time	Room VT 425	Time	Room VT 425
9:00 am	Keynote: Exhaust Temperature Improvement Using Cylinder Deactivation for a MD and HD Engines & Aftertreatment Temperature Challenge at Low Loads Jim McCarthy, PhD <i>Eaton</i>	1:30 pm	Development of the Cummins Single Module™ Aftertreatment System Changsheng Su, PhD, Joe Brault, PhD, Achuth Munnannur, Krishna Kamasamudram PhD <i>Cummins</i>
9:45 am	Reactor System with Diesel Injection Capability for DOC Evaluations Ashok Kumar, PhD, Renee Zokoe, PhD, Saurabh Joshi, PhD, Krishna Kamasamudram, PhD, Aleksey Yezerets, PhD <i>Cummins</i>		
10:15 am	Siliceous Zeolite-Supported Palladium Catalysts for Methane Oxidation Jing Lu, PhD, Arthur Reining, PhD, Agnes Raj, PhD, Haiying Chen, PhD, Joseph Fedeyko, PhD <i>Johnson Matthey</i>		
10:45 am	Break	2:00 pm	An Off-Highway's Perspective of Future Power Systems and Impact to Aftertreatment Systems Eric Hruby <i>John Deere</i>
11:15 am	Modeling of Technologies to Meet Future HD Low-NOx Standard Tom Harris, PhD, Tim Gardener, PhD, Gaurav Heda, PhD <i>Tenneco</i>	2:30 pm	Development of Low Pressure Drop Hysteresis DPF Sukhjot Sidhu <i>NGK - Detroit</i>
11:45 am	Heavy Duty FTP Transient Test Results on Multi-Cylinder Opposed-Piston Engine Demonstrating Rapid Exhaust Enthalpy Rise to Achieve Ultra Low NOx & CO2 Samrat Patil, Ahmad Ghazi, Fabien Redon, Dan Schum, John Headly <i>Achates Power</i> Christopher Sharp, PhD <i>Southwest Research Institute</i>	3:00 pm	Break
12:15 pm	Session Adjourned & Lunch	3:30 pm	Urea Deposit Decomposition Modeling for Aftertreatment System Optimization Meng-Huang Lu, PhD, Tom Harris, PhD, Figen Lacin, PhD <i>Tenneco</i>
		4:00 pm	dCSC Technology for Low Emission Diesel Vehicles Dongxia Liu, PhD <i>Johnson Matthey</i>
		4:30 pm	Adjournment & Leave for IPG 

Registration Form



FEE SCHEDULE FOR REGISTRANTS

General Registration Fee is \$1795 (*Access to sessions for all days of the conference; also includes an access to the ACC 2018 Livonia 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/Co-Author Registration Fee is \$1795
- Authors, Chairs, and Director of Global Automotive Management Council Registration Fee is \$795
- Faculty Registration (NO online library access) is \$650
- Graduate Student Registration (NO online library access) is \$450

PLEASE PRINT OR TYPE (ALL FIELDS REQUIRED)

I'd like to receive email communications about this and future GAMC events:

Full Name:

Position:

Organization:

Email:

Card Number:

Expiration Date:

CVC:

Amount:

Address:

ZIP:

Phone (Office):

Mobile:

The address you provide must be the **billing address** associated with the account

Please indicate by an "X" in the appropriate blank box (es).

I will attend the Open House on: May 23rd

I will attend the Open House on: May 24th

I will attend the CONFERENCE and EXHIBITS on: May 23rd May 24th

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\$ _____

Signature: X _____ Date: _____

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: tareku@gamcinc.com REFUND POLICY: Refunds are available with a 50% surcharge until 60 days before the conference. In addition, a \$35 administrative fee will be charged. Refunds are no longer available in the 60 days prior to the conference date. All returned checks receive a \$25 fee. Prices subject to change.

Online Registration Available at www.gamcinc.com.