Light-Duty Diesel Emissions Control Symposium

Technical Session Schedule

As of 11/09/2008 07:41 pm

Tuesday, November 4

Legislation

Session Code: ***LDD1***

Room Auditorium 1 ***Session Time:*** ***9:00 a.m.***

Time	Paper No.	Title
9:00 a.m.	***ORAL ONLY***	***World Exhaust Emission Requirements for Light-Duty Diesel Vehicles*** *Joseph E. Kubsh, Manufacturers of Emission Controls Assoc.*
9:20 a.m.	***ORAL ONLY***	***Light-Duty Diesel Regulations and the Impact on Technology Directions*** *Timothy V. Johnson, Corning Inc.*
9:40 a.m.	***Panel***	***Panel Discussion***

Tuesday, November 4

NOx Aftertreatment

Session Code: ***LDD2***

Room Auditorium 1 ***Session Time:*** ***10:40 a.m.***

Time	Paper No.	Title
10:40 a.m.	***ORAL ONLY***	***Investigation of the Sensitivity of Base Metal/Zeolite SCR to SO3 Deactivation*** *Yisun Cheng, Clifford Montreuil, Giovanni Cavataio, Christine K. Lambert, Douglas A. Dobson, Ford Motor Co.*
11:00 a.m.	***ORAL ONLY***	***Advanced NOx Control Technology for LIght Duty Certification*** *Julian P. Cox, Johnson Matthey Inc.*
11:20 a.m.	***ORAL ONLY***	***Lean NOx Trap Catalysis: Exhaust Chemistry Related to Advanced Diesel Engines*** *James E. Parks, Oak Ridge National Laboratory*
11:40 a.m.	***ORAL ONLY***	***SCR DeNOx Technologies to Meet Low Emission Standards*** *Martin Dieterle, BASF Catalyst LLC*
12:00 p.m.	***Panel***	***Panel Discussion***

Tuesday, November 4

Engine Technology and Controls

Session Code: ***LDD3***

Room Auditorium 1 ***Session Time:*** ***1:30 p.m.***

Time	Paper No.	Title

1:30 p.m.	***ORAL ONLY***	***Through Advanced Fuels and Controls to Improved Fuel Economy and Driving Comfort***
		Harsha K. Nanjundaswamy, FEV Inc.
1:50 p.m.	***ORAL ONLY***	***Diesel Combustion***
		Russ Durrett, GM R&D Center
2:10 p.m.	***ORAL ONLY***	***Advance Diesel Engine Architectures***
		Michael J. Ruth, Cummins Inc.
2:30 p.m.	***ORAL ONLY***	***Observations on the Performance and Control of 2008 Dodge Diesel Ram Emissions System Over Limited Aging***
		Kenneth S. Price, Umicore Autocat USA Inc.
2:50 p.m.	***Panel***	***Panel Discussion***

Tuesday, November 4

Fuel Issues

Session Code: ***LDD4***

Room Auditorium 1 ***Session Time:*** ***3:50 p.m.***

Time	***Paper No.***	***Title***
3:50 p.m.	***ORAL ONLY***	***EGR Cooling and Cooler Fouling as Well as Fuel Effects***
		Charles Scott Sluder, Oak Ridge National Laboratory
4:10 p.m.	***ORAL ONLY***	***Diesel Fuel ¿ What¿s Changed(ing) and What The Changes Mean***
		Lawrence Cunningham, Afton Chemical Corp.
4:40 p.m.	***Panel***	***Panel Discussion***

Wednesday, November 5

Particulate Filter Technology and Systems

Session Code: ***LDD5***

Room Auditorium 1 ***Session Time:*** ***9:00 a.m.***

Time	***Paper No.***	***Title***
9:00 a.m.	***ORAL ONLY***	***Durability of 2-Way SCR/DPF Concept for Diesel Emission Control***
		Yongsheng He, GM R&D Center; David B. Brown, GM Powertrain
9:30 a.m.	***ORAL ONLY***	***Fundamental Study of Newly Developed Flow Through Catalytic Honeycomb for Improving NOx Emission***
		Ken Yoshimura, IBIDEN
9:40 a.m.	***ORAL ONLY***	***Volkswagen Approach on How to Address Future Legislation***
		Achim Freitag, Volkswagen AG
10:00 a.m.	***ORAL ONLY***	***Substrates for Multifunctional Diesel Particulate Filters***
		Steve J. Martin, Chan Han, Robin Paul Ziebarth, Aleksander Pyzikn, Dow Chemical Co.

10:50 a.m.	***ORAL ONLY***	***Solving the Challenge of LEVII Emissions for North American Light Duty Diesel Vehicles***
		Ognyan Yanakiev, Charles E. Solbrig, Boris Stojkovic, GM Powertrain
11:10 a.m.	***ORAL ONLY***	***BlueTEC - The Future of Clean and Efficient Powertrains***
		Markus Paule, Ralf Binz, Christian Enderle, Guido Vent, Daimler AG
11:30 a.m.	***ORAL ONLY***	***Urea Doser Technology***
		TBD
11:30 a.m.	***ORAL ONLY***	***Diesel Particulate Filter Ring-Off-Crack Robustness Investigation***
		Mira Bumbaroska, Ford Motor Co.

Wednesday, November 5

Particulate Filter Technology and Systems

Session Code: ***LDD6***

Room Auditorium 1 ***Session Time:*** ***1:30 p.m.***

Time	***Paper No.***	***Title***
1:30 p.m.	***ORAL ONLY***	***Thermal-Mechanical Durability of DOC/DPF Aftertreatment System for Light Heavy Pickup Truck Application***
		Reiji Matsubara, NGK Insulators, Ltd.
1:50 p.m.	***ORAL ONLY***	***Audi Clean Diesel TDI Technology***
		Zaccheo Giovanni Pamio, Audi AG
2:10 p.m.	***ORAL ONLY***	***Diesel Aftertreatment Systems***
		Achim Heibel, Corning Inc.
2:30 p.m.	***Panel***	***Panel Discussion***

Wednesday, November 5

Panel Discussion

Session Code: ***LDD5-1***

Room TBD ***Session Time:*** ***11:50 a.m.***