TECHNICAL PROGRAMME

DAY - 01 Thursday, 22nd October 2026

SESSION - 01 INAUGURAL SESSION

Chief Guest **Mr Saurabh Dalela** *Director- ICAT* **0900 – 1115 hr**	**Welcome**	
	Lamp Lighting	
	Welcome Address	**Mr S K Singh,** *President - ECMA* *Commercial Director, Corning Technologies India Ltd*
	Inauguration of ECT 2026 Conference and Exposition	
	Keynote	**Dr Rolf Brueck, Emitec Technologies GmbH, Germany** *(representing AECC)* *Robust pollutant emission standards for a competitive industry in India – advancing emission controls across road, non-road and stationary applications*
	Keynote	**Dr George Gillespie, Horiba Ltd, Japan** *Future Prospects and development in Emission Monitoring and Testing*
	Keynote	**Mr Dominik Rose, Corning Ltd, Germany** *From Euro 7 to BS 7 / BS VII: Applying European Emissions Control Technology learning in India*
	Keynote	**Dr Ameya Joshi, Mobility Notes, USA** *No Soft Landing: Why BS 7 Must Aim High*
	Address by the Chief Guest	**Mr Saurabh Dalela** Director, International Centre for Automotive Technology (ICAT)

1115 – 1145 hr NETWORKING TEA BREAK

SESSION - 02 LIGHT DUTY VEHICLES - 01

Session Chair **Mr Vikram Khanna** *Vice President Engineering, Maruti Suzuki India Ltd* **1145 – 1325 hr**	**Keynote**	**Dr Andreas Gramminger, BASF Catalysts, Europe** *Five recent challenges in mobile emission control*
	Technical Paper	**Gasoline Particulate Filter for future Indian Regulation** *Tomoko Shibata, NGK Corporation*
	Technical Paper	**Technical Challenges for Flex fuel application and TWC optimisation for Pass Car application** *Abhishek Kumar, Johnson Matthey India*
	Technical Paper	**Hotter India demands a smarter BS7: Aligning Evaporative Emission Standards with Real-world conditions** *Terry Lathem, et al, Ingevity Inc, USA*
	Technical Paper	**Development of LNT/DPF after treatment system on LCV for India road conditions** *Aditya Nair, et al, Volvo Eicher Commercial Vehicles (VECV)*

1325 – 1400 hr NETWORKING LUNCH

SESSION - 03 HEAVY DUTY VEHICLES-01

Session Chair

Mr Jaywant Hardikar
Head - CMVR, ICAT

1400 – 1540 hr

Keynote	**Mr David Bergeal,** *Johnson Matthey, UK* *From compliance to clean Air: After treatment innovations for Euro 7 and beyond*
Technical paper	**Achieving Ultra-low BS-VII emissions for Diesel-powered heavy-duty vehicles** *Ashraf Emran, FEV India Ltd*
Technical Paper	**Balancing single and double dosing SCR systems for future BS-VII HDD applications in India** *Shantanu Tamhankar, Umicore Auto Catalyst India*
Technical Paper	**Advanced V-SCR technology for euro 7 and BS 7 applications** *Shravan Kumar, et al, BASF Catalysts India*
Technical Paper	**Advanced Engine Technologies for achieving Euro VII/BS VII compliance in heavy-duty diesel engines** *Sanjeev Gothekar, et al, ARAI*

SESSION - 04 2-WHEELED VEHICLES

Session Chair

Dr Madhusudan Joshi
Head – Technology & Business, ICAT

1545 – 1725 hr

Keynote	**Dr Virinder Sharma** *Former Member Technical, CAQM, MoEFCC, Govt of India* *Two Wheelers and India's Clean Air Agenda: Emission journey, Technology performance, Gaps and the Road to Clean Urban mobility*
Technical Paper	**Advanced 3-way cat technology dev for 2-wheeler applications** *Priyanka Mewara, et al., Johnson Matthey India*
Technical Paper	**Advanced metallic substrate design for 2W application** *Gaurav Heda, Emitec Technologies India*
Technical Paper	**Experiences using mini-PEMS for 2-wheeler RDE testing** *Rengarajan Ulaganathan, MAHA Automotive Test Equipment (3DATX Corp USA)*
Technical Paper	**Study on the Development and filtration Performance of Gasoline Particulate Filters as a Performing Solution for PN23 and PN10 Control in Indian 2Ws and their extension to future Regulations** *Senthil Kumaran, Corning India*

1725 – 1745 hr NETWORKING TEA BREAK

SESSION - 05 Shaping BS7 for India: Technology Readiness and Real-World Impact for Light duty, Heavy-duty vehicles and 2-Wheelers

PANEL DISCUSSION

1745 – 1845 hr

Moderator	**Mr Prakash Sardesai,** *Sud-Chemie India* *Vice President - ECMA; Head - Application Engineering & Business Development, Sud-Chemie India Ltd*
Panellists	**Dr Saeed Alerasool,** *BASF Environmental Catalysts & Metal Solutions, China* **Ms Kohn Mckenzie,** *Johnson Matthey, USA* **Dr Ameya Joshi,** *Mobility Notes, USA* **Dr Michael Geller,** *MECA, USA* **Mr P Mahesh,** *Ashok Leyland Ltd, India* **Mr Anoop Bhat,** *Maruti Suzuki India Ltd, India* **Dr Madhusudan Joshi,** *ICAT, India*

1900 – 2130 hr NETWORKING DINNER

DAY - 02 Friday, 23rd October 2026

SESSION - 06 LIGHT DUTY VEHICLES-02

Session Chair
Dr Ameya Joshi
Founder, Mobility Notes, USA

0900 – 1040 hr

Technical Paper	**Catalyst Technologies- Flex Fuel Engines - BS7 Challenges & Opportunities** *Rajesh Maynal, Umicore Auto Catalyst India*
Technical Paper	**Optimised R-SiC DPF design for LD appln under evolving emission regulations in India** *Naoki Kawamura, Ibiden Co Ltd*
Technical Paper	**Next Generation of Gasoline Particulate Filters** *Dominik Rose, Corning, Germany*
Technical Paper	**Advanced TWC substrates for cost optimisation and future regulations in India** *Hiroto Mikami, NGK Technologies India*
Technical Paper	**The advent of Virtual Benchmarking in emission prediction and ATS dev across ICE applications** *Jash Vipin Shah, BOSCH Ltd*

1040 – 1115 hr NETWORKING TEA BREAK

SESSION - 07 HEAVY DUTY VEHICLES-02

Session Chair
Mr Thalavai Venkatesan
Chief Technology Officer, Tenneco Clean Air India Ltd

1115 – 1300 hr

Keynote	**Dr Tomoshi Yoshimura,** *Horiba Ltd, Japan* *Emissions Measurement System Designed to Meet EURO 7 and U.S. Tier 4 Standards*
Technical paper	**BS-VII Challenges for HDV Design** *Utkarsh Verma, et al, Cummins Emission Solutions*
Technical Paper	**Proposal for DPF for BS7 based on insights from Euro 7 dev** *Takahiro Honda, NGK Corporation, Japan*
Technical Paper	**Low thermal mass SS exhaust duct components for passive thermal management in BS7 HD ATS** *R. Ahok Kumar, Dinex Emission Solutions India Pvt Ltd*
Technical Paper	**Redesigning V-SCR: A technological review of Tungsten-free chemistries** *Vishal Srivastava, et al, Ecocat India*
Technical Paper	**Development of an ATS with enhanced AdBlue Mixer performance for future global emission standards** *Jay Kachadiya, et al, Tenneco Clean Air India*

1300 - 1345 hr NETWORKING LUNCH

SESSION - 08 HEAVY DUTY VEHICLES-03

Session Chair

Mr Sadanand Bhosale
VP & Head-Powertrain Commercial Vehicles, Mahindra & Mahindra

1345 – 1525 hr

Technical Paper	**Future SCR technology for heavy-duty after-treatment systems for BS7 and beyond emission regulations** *Kamlesh Tayade, Johnson Matthey India*
Technical Paper	**Advanced compact after treatment architecture for ultra-low emission compliance** *Sachin Sharma, Cummins Emission Solutions*
Technical Paper	**DPF design optimisation to fulfil the forthcoming BS-VII regulation while offering the best overall performance compromise** *Thierry Lesage, et al, Ibiden Europe B.V.*
Technical Paper	**Advanced materials and regeneration control for cost-effective and low-back pr DPF systems in on-road and off-road heavy-duty applications** *Nilesh Lende, Corning India*
Technical Paper	**Towards Bharat Stage 7 – Advanced SCR Technologies, Exhaust Aftertreatment Architectures and Thermal Management** *Georg Huethwohl, Albonair GmbH, Germany*

SESSION - 09 ALTERNATE FUELS AND AFTER TREATMENT SYSTEMS

Session Chair

Mr K K Gandhi
Member-Expert Advisor Group for MoRTH, Convenor-CAPR, Auto & Fuel expert

1525 – 1700 hr

Keynote	**Dr Michael Geller,** *MECA, USA* *Multiple Technology Pathways Provide the Most Resilient Approach Toward Meeting Air Quality and Emission Goals*
Technical Paper	**Development of advanced 3-way catalyst for flex-fuel vehicles to meet BS-VII** *Yogesh Shinde, et al, BASF Catalysts India*
Technical Paper	**Enhancing Catalyst durability in heavy-duty CNG engine through collaborative approach** *Narayana Prakash, Emitec Technologies India* *Ravi Sindagi, Tata Motors Ltd*
Technical Paper	**Opportunities/Viability for retro-fitment with alternative fuels as an alternative to Scrappage of old vehicles** *Tulika Mazumdar, et al, NATRAX*
Technical Paper	**High-efficient and cost-effective 3-way catalyst substrate design for plug-in hybrid electric vehicle** *Senthil Kumaran, Corning India*

1700 - 1710 hr BIO BREAK

SESSION - 10 HEAVY DUTY VEHICLES-04

Session Chair

1710 - 1830 hr

Technical Paper	**Modelling and simulation driven advancement in emission control strategies for Euro VII / BS VII** *Shailesh Pathak, Johnson Matthey India*
Technical Paper	**Integrated CFD-structural simulation frame work for robust e-Heater integration in future after treatment applications** *Tushar Udhane, Cummins Emission Solutions*
Technical Paper	**Critical Quality Control Parameters Supply chain risks, and field experience in Diesel Exhaust Fluid management** *German ORDUY, Yara International ASA*
Technical Paper	**Trem V: the Next big transformation in the Indian Agricultural Industry – Challenges and Way Forward** *Atul Kulkarni, Mangla Cor-Tubi, India*

1830 hr END OF CONFERENCE