

Technologies for Emissions Control



UNIVERSITY OF
BIRMINGHAM

Workshop Day 1, February 9th, 2021

Programme

14:30 – 14:55 (IST) 09:00 – 09:25 (GMT)	<i>Welcome Address</i>
14:55 – 15:25 (IST) 09:25 – 09:55 (GMT)	Sudipto Basu. Emissions Control Manufacturers Association, New Delhi, India “Automotive emissions control”
15:25 – 15:55 (IST) 09:55 – 10:25 (GMT)	Pramod S Mehta. Indian Institute of Technology Palakkad, Palakkad, India “Diesel engine emissions — Dilemma and emerging solutions”
15:55 – 16:05 (IST) 10:25 – 10:35 (GMT)	<i>Break</i>
16:05 – 16:35 (IST) 10:35 – 11:05 (GMT)	V Vikraman. Mahindra and Mahindra, Chengalpattu, India “The challenges of developing small diesel engines for BS 6 emissions norms and beyond”
16:35 – 17:05 (IST) 11:05 – 11:35 (GMT)	José Martín Herreros. The University of Birmingham, Birmingham, UK “Particulate matter characterisation from gasoline direct injection engines”
17:05 – 17:15 (IST) 11:35 – 11:45 (GMT)	<i>Break</i>
17:15 – 17:45 (IST) 11:45 – 12:15 (GMT)	A Ramesh. Indian Institute of Technology Madras, Chennai, India “Engines, hybrids and electric drives”
17:45 – 18:15 (IST) 12:15 – 12:45 (GMT)	Naresh Phansalkar. Tenneco, Pune, India “Exhaust after-treatment technologies for BS-VI and beyond”
18:15 – 18:45 (IST) 12:45 – 13:15 (GMT)	Asish K Sarangi. Indian Institute of Technology Bombay Mumbai, India “Diesel low temperature combustion-Current status”
18:45 – 19:00 (IST) 13:15 – 13:30 (GMT)	<i>Review and closing comments</i>

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Workshop Day 2, February 17th, 2021

Programme

09:15 – 09:30 (GMT) 14:45 – 15:00 (IST)	<i>Welcome Address</i>
09:30 – 10:00 (GMT) 15:00 – 15:30 (IST)	Soheil Zeraati Rezaei. The University of Birmingham, UK “Size-resolved physico-chemical characterization of diesel exhaust particles and efficiency of exhaust aftertreatment”. S. Zeraati Rezaei, M.S. Alam, H. Xu, D.C. Beddows, R.M. Harrison
10:00 – 10:30 (GMT) 15:30 – 16:00 (IST)	María José Ruiz. CMT - Motores Térmicos, Universitat Politècnica de València, Spain “Influence of diesel-gasoline RCCI combustion on the conversion efficiency of oxidation catalysts”. P. Piqueras, E.J. Sanchis, M.J. Ruiz
10:30 – 10:45 (GMT) 16:00 – 16:15 (IST)	<i>Break</i>
10:45 – 11:15 (GMT) 16:15 – 16:45 (IST)	Francisco García-García. The University of Edinburgh, UK “Micro-structured catalytic converter for residual methane emission abatement”
11:15 – 11:45 (GMT) 16:45 – 17:15 (IST)	Ammar Wahbi. The University of Birmingham, UK “Dual fuel natural gas technologies and exhaust after-treatment system in SI engines”
11:45 – 12:15 (GMT) 17:15 – 17:45 (IST)	Bárbara Diesel. CMT - Motores Térmicos, Universitat Politècnica de València, Spain “Impact of high altitude and cold ambient temperature on the DOC performance”. P. Piqueras, E.J. Sanchis, B. Diesel
12.15 – 12:30 (GMT) 17:45 – 18:00 (IST)	<i>Review and closing comments</i>

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