

SIAT 2021 PROGRAMME

DAY 1 Wednesday, 29 th September 2021	DAY 2 Thursday, 30 th September 2021	DAY 3 Friday, 01 st October 2021
10:00 to 11:15 hrs - Plenary Session 1 (Theme - Sustainable Mobility)	10:00 to 12:00 hrs - Technical Sessions	09:00 to 11:00 hrs - Technical Sessions
Chairman- Dr. R. K. Malhotra, Director General, FIPI (Federation of Indian Petroleum Industry).	Hall - 1 Hall - 2 Hall - 3 Hall - 4 Hall - 5 Hall - 6	Hall - 1 Hall - 2 Hall - 3 Hall - 4 Hall - 5 Hall - 6
Rapporteur- Mr. N V Marathe, ARAI	Session 7 Session 8 Session 9 Session 10 Session 11 Session 12	Session 25 Session 26 Session 27 Session 28 Session 29 Session 30
Plenary Speakers :	Advanced Powertrain Technology (1) E-mobility (2) Emission Measurement & Control Technology (2) Noise, Vibration & Harshness (NVH) (2) Validation Technologies (2) Simulation & Modeling (2)	Bio mobility Active and Passive Safety (2) Emission Measurement & Control Technology (4) Noise, Vibration & Harshness (NVH) (4) Validation Technologies (4) Simulation & Modeling (5)
Mr Alan Gemmill, British Deputy High Commissioner for Western India and Her Majesty's Trade Commissioner for South Asia, British High Commission India Topic: Role of UK Trade in fostering India- UK partnership in Automotive Sector	SESSION CHAIR	SESSION CHAIR
Dr.SSV Ramakumar, Director, (R&D) and (Planning & Business Development), Indian Oil Corporation Ltd. Topic: Emerging Fuel Paradigm for Mobility Sector	Mr. N. V. Marathe, ARAI Mr. Amit Mehta, Joint Secretary, Ministry of Heavy Industries Mr. Krishnan Sadagopan, Ashok Leyland Mr. S R Marathe, Consultant Mr. K Rajakumar, M&M Mr. Alok Jaitley, Maruti Suzuki India Ltd.	Mr. Shishir Josphira, Praj Industries Mr. Ravishankar, Consultant Dr. Yogesh Aghav, Kirloskar Oil Engines Ltd. Dr. M. Ambardekar, Tata Motors Ltd. Ms. Pamela Tikku, ICAT Mrs. Anuradha Ganesh, Cummins
Dr. Camilo Adas, President, SAE Brazil. Topic: The Ethanol Mobility Scenario in Brazil	KEYNOTE SPEAKER	KEYNOTE SPEAKER
	Dr Peter Broll - Deutz Dr Amitab Saran - Altgreen Propulsion Labs Dr. Ameysa Joshi - Corning Prof. M. L. Munjal - Indian Institute of Science, Bengaluru Mr. Nick Molden- Emissions Analytics Mr. KVS Ravikrishna - Ansys	Dr S. K. Puri - Indian Oil Corporation Limited , R&D Centre Dr. Pradeep Mohan - Humanetics, Inc., USA Mr. Rajesh Maynal-Umicore Autocat Mr. David Hudson-ePROPELLED Limited, Innovation Centre Mr. P S Gowrishankar - Tata Motors Ltd. Mr. Ramnik Singh - Gamma Technologies India
11:15 to 11:20 hrs - Break	12:00 to 12:15 hrs - Break	11:00 to 11:15 hrs - Break
11:20 to 12:45 hrs - Plenary Session 2 (Theme - Future Trends for Mobility)	12:15 to 13:45 hrs - Technical Sessions	11:15 to 12:45 hrs - Technical Sessions
Chairman- Shri. C V Raman, President, ARAI & CTO, Maruti Suzuki India Limited	Hall - 1 Hall - 2 Hall - 3 Hall - 4 Hall - 5 Hall - 6	Hall - 1 Hall - 2 Hall - 3 Hall - 4 Hall - 5 Hall - 6
Rapporteur- Mr. A V Mannikar, ARAI	Session 13 Session 14 Session 15 Session 16 Session 17 Session 18	Session 31 Session 32 Session 33 Session 34 Session 35 Session 36
Plenary Speakers :	Advanced Driver Assistance Systems (ADAS) E-mobility (3) Automotive Lighting Materials & Manufacturing (1) Advanced Vehicle Dynamics Simulation & Modeling (3)	Off Highway Vehicles E-mobility (4) Autonomous Vehicles Materials & Manufacturing (2) Vehicular Systems Simulation & Modeling (6)
Dr. Guenter Fraidl, Senior Vice President – Power Train Engineering (PTE) Department, AVL Graz Topic: Overview of global emission scenario & future challenges	SESSION CHAIR	SESSION CHAIR
Dr. Madan Gopal, Principal Safety Engineer, Tesla Topic: Tesla approach to safety systems development	Mr. C Rajesha , BOSCH Mr. R Velusamy, Mahindra Rise Mr. Tapan Sahoo, Maruti Suzuki India Ltd. Dr. Rajiv Basargekar, Consultant Mr. Narendra Pardeshi, Skoda, VW Mr. Abhay Bakre, Bureau of Energy Efficiency	Mr. Kamal Bali, Volvo Mr.A.A. Deshpande, ARAI Dr. Manaswini Rath, KPIT Dr. Sanjay Arole, SMA Engineering Solutions Mr. A. A. Badusha, ARAI Mr. Jabez Dhinagar, TVS
Dr. George Gillespie, President, HORIBA Automotive Topic: Auto Industry Mega-Trends-Shifting priorities and emerging challenges	KEYNOTE SPEAKER	KEYNOTE SPEAKER
	Dr. Mircea Gradu-Velodyne Lidar, Inc., USA Dr. Giorgio Rizzone - The Ohio State University Mr. Geoffrey R Draper - DVN Mr. Arvind Nene - Innuovo Magnetics, China Dr. Venkat Srinivas-Mahindra Truck and Bus Division Mr. Saurabh Diddi-Bureau of Energy Efficiency	Mr. Shaileendra Jagtap - John Deere India, Mr Britto Edward - Rohm Semiconductor India PVT. Ltd. Mr. Abel Carbonell- Applus IDIADA Dr. Shanti Medasani - MathWorks Mr. Gunnar O'Connor - Latent Heat Solutions LLC. Mr. John Fredrik Gronvall - Chalmers University of Technology Dr. Akella Sarma - Mahindra & Mahindra Limited
12:45 to 13:00 hrs - Lunch	13:45 to 14:15 hrs - Lunch	12:45 to 13:00 hrs - Lunch
13:00 to 14:30 hrs - Inaugural Function	14:15 to 15:30 hrs - Plenary Session 3 (Theme -Smart Mobility)	13:00 to 14:00 hrs - Valedictory Function
Chief Guest : Dr. Mahendra Nath Pandey, Honourable Minister of Heavy Industries, Govt. of India	Chairman- Dr. Pawan Kumar Goenka, Independent Director, Bosch & Chairperson Designate for INSPACe - Dept. of Space, Government of India	Master of Ceremony- Mr. Nabeel A Khan, Editor- The Economic Times Auto (ETAuto)
Shri C. V. Raman, President, ARAI & Chairman, SIAT 2021 Organizing Committee & CTO, Maruti Suzuki India Limited	Rapporteur- Dr. K C Vora, ARAI	Chief Guest : Shri Nitin Gadkari, Hon'ble Minister for Road Transport & Highways, Govt. of India
Mrs. Rashmi Urdhwarsheshe, President, SAE India	Plenary Speakers :	Shri Rajendra Petkar, President & Chief Technology Officer, Tata Motors Ltd- & Vice President, ARAI
Dr. Reji Mathai, Chairperson, SIAT 2021 Advisory Committee & Director, ARAI	Shri. Swapnil Jain, Co-founder & CTO, Ather Energy Topic: Development of cost effective E-mobility solutions for India	Dr. Reji Mathai, Chairperson, SIAT 2021 Advisory Committee & Director, ARAI
Dr. S S Thipse, Convenor, SIAT 2021 & Sr. Deputy Director, ARAI	Shri. Tarun Aggarwal, Executive Director R&D, Maruti Suzuki India Limited Topic: Smart Mobility - Opportunities and Way forward	Dr. S S Thipse, Convenor, SIAT 2021 & Sr. Deputy Director, ARAI
	Shri. Rajeev Singh, Partner and Leader Automotive, Deloitte India Topic: Global perspective on technological roadmap for automotive sector	
15:00 to 17:30 hrs - Technical Sessions	15:30 to 18:00 hrs - Technical Sessions	14:00 to 14.15 hrs - Break
Hall - 1 Hall - 2 Hall - 3 Hall - 4 Hall - 5 Hall - 6	Hall - 1 Hall - 2 Hall - 3 Hall - 4 Hall - 5 Hall - 6	14:15 to 15:45 hrs - Panel Discussion (Theme- Redefining Mobility for future)
Session 1 Session 2 Session 3 Session 4 Session 5 Session 6	Session 19 Session 20 Session 21 Session 22 Session 23 Session 24	Chairman- Shri. Amit Varadan, Joint Secretary, MoRTH
Alternative Fuels E-mobility (1) Emission Measurement & Control Technology (1) Noise, Vibration & Harshness (NVH) (1) Validation Technologies (1) Simulation & Modeling (1)	Advanced Powertrain Technology (2) Active and Passive Safety (1) Emission Measurement & Control Technology (3) Noise, Vibration & Harshness (NVH) (3) Validation Technologies (3) Simulation & Modeling (4)	Moderator- Mr. Rajat Mahajan, Deloitte
SESSION CHAIR	SESSION CHAIR	Panelist :
Mr. B. Bhanot, Consultant Ms. R. Urdhwarsheshe, President, SAEINDIA Mr. Anrudhika Kulkarni, Tata Motors Ltd. Dr. M L Munjal, ISC Dr. N Karuppaiah, National Automotive Test Tracks Mr. P K Banerjee, SIAM	Dr. K C Vora, ARAI Mr. A.V. Mannikar, ARAI Mr. P.V. Sardesai, Sud-Chemie India Pvt. Ltd. Mr. N. V. Karanth, Consultant Dr. Venkat Srinavas, Mahindra Truck and Bus Division Dr. Ravi Damodaran, Greaves Cotton Ltd.	Shri Rajendra Petkar, President & Chief Technology Officer, Tata Motors Ltd- & Vice President, ARAI
KEYNOTE SPEAKER	KEYNOTE SPEAKER	Shri. Neeraj Sinha, Sr. Adviser (S&T), NITI Aayog
Mr. Ravindra Vasisht - Hexagonagility Mr. Ian Constance - Advanced Propulsion Centre Mrs Beth Hinchee - Caterpillar Dr. Joseph Venor- ESI Group Mr. Julian Busch - MPR International Mr. Martin Abart - AVL	Mr David Milam - Caterpillar Mr. Jochen Feese - Mercedes-Benz Research and Development India Dr. Eckhoff Stephan - Umicore and Mr. Murugadass - Ansys Mr. John Kell - Department for International Trade (DIT) Mr. Rohit Vaidya - Tata Motors Ltd.	Shri. Vinnie Mehta, Director General, The Automotive Component Manufacturers Association of India (ACMA)
TECHNICAL PAPERS	TECHNICAL PAPERS	Shri. Varun Dubey, CMO, Ola Electric.
21SIAT-0423/2021-26-0102 21SIAT-0522/2021-26-0118 21SIAT-1231/2021-26-0119 21SIAT-0547/2021-26-0225 21SIAT-0286/2021-26-0140 21SIAT-0389/2021-26-0185 21SIAT-0267/2021-26-0182 21SIAT-0667/2021-26-0169 21SIAT-0636/2021-26-0190 21SIAT-1196/2021-26-0272 21SIAT-0273/2021-26-0264 21SIAT-0785/2021-26-0280 21SIAT-0242/2021-26-0454 21SIAT-0121/2021-26-0442 21SIAT-0225/2021-26-0490 21SIAT-0714/2021-26-0422 21SIAT-0102/2021-26-0421 21SIAT-0517/2021-26-0409 21SIAT-0397/2021-26-0481	21SIAT-0131/2021-26-0047 21SIAT-0831/2021-26-0012 21SIAT-0094/2021-26-0208 21SIAT-1343/2021-26-0307 21SIAT-1305/2021-26-0449 21SIAT-0903/2021-26-0344 21SIAT-0503/2021-26-0049 21SIAT-0983/2021-26-0008 21SIAT-0556/2021-26-0189 21SIAT-0879/2021-26-0306 21SIAT-0999/2021-26-0476 21SIAT-0989/2021-26-0326 21SIAT-1335/2021-26-0055 21SIAT-1154/2021-26-0023 21SIAT-0849/2021-26-0210 21SIAT-0898/2021-26-0288 21SIAT-1114/2021-26-0494 21SIAT-1181/2021-26-0402 21SIAT-1516/2021-26-0061 21SIAT-0902/2021-26-0502 21SIAT-1464/2021-26-0198 21SIAT-1035/2021-26-0303 21SIAT-1327/2021-26-0450 21SIAT-1195/2021-26-0345	Dr. Reji Mathai, Director, ARAI
		Dr. Rahul Walawalkar, President, India Energy Storage Alliance (IESA)
		15:45 to 16:00 hrs Closure