

# Noise, Vibration & Harshness

Event Partner:

**SIEMENS**  
*Ingenuity for Life*

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TIME LINE	May 23, 2019 (Thursday)		
0900 – 0930	Registration		
0930 – 1000	1. Welcome Address by Director, ICAT 2. Lamp Lighting 3. Inaugural Address by Chief Guest	4. Address by Guest of Honor 5. Vote of Thanks by CBO, ICAT Center-II	
1005 - 1020	TEA BREAK		
1020 - 1100	1 <sup>st</sup> Session MODERATOR: Deepak Panda, Maruti Suzuki India Ltd.	TOPIC SPEAKER	Automotive NVH – Current Challenges and Future trends Dr. Manivasagam Shanmugam, TATA Technologies
1100-1300		TOPIC SPEAKER	Vehicle NVH and Development Cycle Mr. Wim Hendrix, Simcenter Engineering Consulting Services
1300 – 1345	LUNCH		
1345 – 1445	2 <sup>nd</sup> Session MODERATOR: TBD	TOPIC SPEAKER	Tyre Noise and its impact on Tyre Design Dr. R. Mukhopadhyay, HASETRI
1445-1530		TOPIC SPEAKER	Buzz, Squeak & Rattle - Challenges and Solutions Mohd. Riyazuddin, Mahindra Research Valley
1530 – 1550	TEA BREAK		
1550 – 1630	MOVE TO NVH LAB (ICAT Centre-II) FOR DEMONSTRATIONS		
1630 – 1830	DEMONSTRATIONS		
	3 <sup>rd</sup> Session DEMONSTRATIONS	Signature Testing	
		Modal Testing	
		Sound Quality – Jury sessions	
		Source Localization	
		Transfer Path Analysis	
1900 – 2200	NETWORKING COCKTAIL AND DINNER(ICAT Centre-I)		

**NOTE:** This is a tentative time-plan and may be changed without prior notice

**Silver Sponsor:**



**Dynamic**  
Test and Measurement Systems



TIME LINE	May 24, 2019 (Friday)		
0900 – 0930	Registration		
0930 – 1045	<b>4<sup>th</sup> Session</b> MODERATOR: TBD	<b>TOPIC SPEAKER</b> <b>Engineering NVH performance for Hybrid and Electric Vehicles</b> Mr. Wim Hendrix, Simcenter Engineering Consulting Services	
1050 – 1115		TEA BREAK	
1115 – 1215		<b>TOPIC SPEAKER</b> <b>Motorcycle NVH Engineering</b> Govindarajan R, Mahindra 2 Wheelers	
1215 – 1300		<b>TOPIC SPEAKER</b> <b>NVH Engineering of Trucks, Buses and Construction Equipment</b> Dr. Rajesh Bhangale, Mahindra Trucks & Buses Division	
1300 – 1345	LUNCH		
1345 – 1445	<b>5<sup>th</sup> Session</b> MODERATOR: Anand Patil, TAFE Motors & Tractors Ltd.	<b>TOPIC SPEAKER</b> <b>Acoustic Materials and their impact on vehicle performance</b> Alex Varghese, 3M India	
1445 – 1530		<b>TOPIC SPEAKER</b> <b>Tractor NVH Engineering</b> Amit Chavan, Mahindra Research Valley	
1535 – 1555	TEA BREAK		
1600 – 1700	<b>6<sup>th</sup> Session</b> MODERATOR: Dr. Rajesh Bhangale, Mahindra Trucks & Buses Division	<b>TOPIC SPEAKER</b> <b>Passenger Car NVH Issues</b> R. Mugundaram, Maruti Suzuki India Ltd.	
1705 – 1715	Vote of Thanks		
1715	DEPARTURE OF GUESTS		

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