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WORKSHOP PROGRAM

Wednesday, June 25

Session 1.1 - Sensors and Measurement Techniques for Improving Noise Vibration and Harshness (NVH) and Sound Quality in Automotive Industry

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- 1 Auralizations of a Car: a Perceptual Comparative Study**
Christof Faller (Illusonic GmbH, Switzerland); Marco Olivieri (Ferrari S.p.A., Italy); Enrico Zoboli (RELAB S.r.l, Italy); Michele Ebri (Ferrari S.p.A., Italy)
 - 7 Virtual Reality for Immersive Auralization of Acoustic Vehicle Alerting Systems**
Daniel Pinardi, Marco Binelli and Angelo Farina (University of Parma, Italy); Jong-Suh Park (Hyundai Motor Company, Korea (South))
 - 13 Integrated Sensor for Distributed Monitoring of Wheel Rim Temperature in Gran Turismo Cars**
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-

Session 1.2 - In-circuit Sensing for Automotive and Industrial Applications

Room: Sala Master

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 - 24 Validation of Mechanical Load Imbalance Detection in Six-Phase Surface-Mounted AC Permanent Magnet Synchronous Motor Drive**
Yasser Gritli, Claudio Rossi and Angelo Tani (University of Bologna, Italy)
 - 29 Design of Simulation Test System for Autonomous Driving of Intelligent Connected Vehicles**
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-

Session 2.1 - Advanced Composite Materials for Automotive: balancing Sustainability and Smart Multifunctional Materials - Part 1

Room: Room 1

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- 45 Eco-Friendly Surface Modifications of Flax Fibers for Enhanced Sustainable Epoxy Composite Performance**
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Session 8.1 - The Smart Battery Cell: Sensors, Modeling, Diagnostics and Characterization for the Next Generation Batteries - Part 2**Room: Auditorium Santa Elisabetta**

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