

## Papers in SAE Proceedings Journal "International Journal of Advances and Current Practices in Mobility"

Session #	Session Title	Paper Offer #	Final Paper #	Paper/Presentation Title	Lead Author Last Name	Lead Author First Name
ICENA403	Emissions Measurement and Testing	19ICENA-0005	2019-24-0156	Analysis of the Emission Conversion Performance of Gasoline Particulate Filters Over Lifetime	Sterlepper	Stefan
ICENA202	Mixing Controlled Combustion in CI Engines	19ICENA-0210	2019-24-0111	Balancing Hydraulic Flow and Fuel Injection Parameters for Low-Emission and High-Efficiency Automotive Diesel Engines	Di Blasio	Gabriele
ICENA403	Emissions Measurement and Testing	19ICENA-0153	2019-24-0154	A Sampling and Conditioning Particle System for Solid Particle Measurements Down to 10 nm	Chasapidis	Leonidas
ICENA601	Advanced Hybrid and Electric Vehicle Powertrains	19ICENA-0172	2019-24-0197	Design of a Hybrid Power Unit for Formula SAE Application: Packaging Optimization and Thermomechanical Design of	Mangeruga	Valerio
ICENA104	Engine Management and Control	19ICENA-0290	2019-24-0017	Cylinder Pressure Based Method for In-Cycle Pilot Misfire Detection	Jorques Moreno	Carlos
ICENA202	Mixing Controlled Combustion in CI Engines	19ICENA-0216	2019-24-0110	Compression Ratio and Intake Air Temperature Effect on the Fuel Flexibility of Compression Ignition Engine	AlRamadan	Abdullah S.
ICENA403	Emissions Measurement and Testing	19ICENA-0314	2019-24-0050	Assessing Exhaust Toxicity with Biological Detector: Configuration of Portable Air-Liquid Interface Human Lung Cell Model Exposure System, Sampling Train and Test Conditions	Vojtisek-Lom	Michal
ICENA101	0-D and 1-D Modeling and Numerics	19ICENA-0218	2019-24-0081	Experimental Measurement of Roughness Data and Evaluation of Greenwood/Tripp Parameters for the Elastohydrodynamic Analysis of a Conrod Small-End/Piston Pin Coupling	Ferretti	Andrea
ICENA303	Alternative and Advanced Fuels	19ICENA-0072	2019-24-0140	Characterization of Deposits Collected from Plugged Fuel Filters	Csontos	Botond
ICENA201	Combustion In Spark Ignition Engines	19ICENA-0206	2019-24-0104	Ultra-Lean Pre-Chamber Gasoline Engine for Future Hybrid Powertrains	Serrano	David
ICENA403	Emissions Measurement and Testing	19ICENA-0250	2019-24-0052	Solid Nucleation Mode Engine Exhaust Particles Detection at High Temperatures with an Advanced Half Mini DMA	Baltzopoulou	Penelope
ICENA402	Emission Control Modeling	19ICENA-0129	2019-24-0149	Experimental and Computational Investigation of Particle Filtration Mechanisms in Partially Damaged DPFs	Haralampous	Onoufrios
ICENA201	Combustion In Spark Ignition Engines	19ICENA-0188	2019-24-0101	Experimental Analysis of the Influence of Water Injection Strategies on DISI Engine Particle Emissions	Gern	Maiké Sophie
ICENA302	Fuel Injection and Sprays: Experiments	19ICENA-0323	2019-24-0036	Dynamic Thermal Behavior of a GDI Spray Impacting on a Heated Thin Foil by Phase-Averaged Infrared Thermography	Contino	Mattia
ICENA604	Range Extending Engines	19ICENA-0318	2019-24-0066	One-Dimensional Modeling of a Thermochemical Recuperation Scheme for Improving Spark-Ignition Range Extender Engines	Northrop	William F.
ICENA203	LTC/HCCI/PCCI/RCCI	19ICENA-0151	2019-24-0116	Influence of Injection Strategies on Engine Efficiency for a Methanol PPC Engine	Svensson	Erik
ICENA101	0-D and 1-D Modeling and Numerics	19ICENA-0155	2019-24-0070	Driving Cycle and Elasticity Manoeuvres Simulation of a Small SUV Featuring an Electrically Boosted 1.0 L Gasoline Engine	Zanelli	Alessandro
ICENA402	Emission Control Modeling	19ICENA-0150	2019-24-0151	Pressure Drop of Particulate Filters and Correlation with the Deposited Soot for Heavy-Duty Engines	Voutsis	Ourania
ICENA203	LTC/HCCI/PCCI/RCCI	19ICENA-0252	2019-24-0028	Optical Diagnostics Investigation on the Effect of Fuel Injection Timing on Partially Premixed Combustion Stratification and Soot Formation in a Single-Cylinder Optical Compression Ignition Engine	Touloupis	Dimitrios P.
ICENA101	0-D and 1-D Modeling and Numerics	19ICENA-0033	2019-24-0073	Experimental Investigation and Modeling of Early Flame Propagation Stages in Operating Conditions Representative of	Dulbecco	Alessio