



SAENAPLES
An SAE International Section

ICE2019

**14th International Conference
on Engines & Vehicles**

September 15 - 19, 2019 @ Capri, Napoli

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14th International Conference on Engines & Vehicles *Capri, Napoli (Italy) September 15-19, 2019*

ICE2019 is organized by SAENA a section of SAE International with Clemson University International Center for Automotive Research (CUICAR), SC (USA) and Istituto Motori-CNR of Naples (Italy). For additional information, please contact SAENA Secretary at saena@im.cnr.it and visit SAENA Section website at www.sae-na.it

Topics of the Conference

Engine Modeling and Diagnostics

0-D and 1-D Modeling and Numeric
Multi-Dimensional Engine Modeling
Combustion and Flow Diagnostics
Engine Management and Control

Engine Combustion

Combustion in Spark Ignition Engines
Combustion in Compression Ignition Engines
LTC/HCCI/PCCI/RCCI
Combustion in Gaseous-Fueled Engines
Abnormal Combustion and Cyclic Dispersion

New Engines, Components, Actuators, & Sensors

CI & SI Engines Technology
Thermal management
Powertrain NVH
Alternative Engine Architectures
Enabling Technologies

Hybrid and Electric Powertrains, and Eco_CAV

Advanced Hybrid and Electric Vehicle
Powertrains
Controls for Hybrids and electric powertrains
Advanced Fuel Cell Applications
Range Extending Engines
Energy storage
Energy efficient Automated Vehicles

Fuels and Lubricants

Fuel Injection and Sprays: Modeling
Fuel Injection and Sprays: Experiments
Alternative and Advanced Fuels
Automotive Lubricants

Exhaust Aftertreatment and Emissions

Exhaust Emission Control Systems
Emission Control Modeling
Emissions Measurement and Testing
Particle Emissions from Combustion Sources
Low Temperature Catalysis

Conference Chairs

Zoran Filipi (Clemson University) & Bianca M. Vaglieco (IM-CNR)

Conference organizers

Silvana Di Iorio and Ezio Mancaruso (IM-CNR)