

Powertrains, Fuels & Lubricants

September 22-24, 2020 | Krakow, Poland

The Powertrains, Fuels & Lubricants Meeting is looking to you. Become a bigger part of the technical community by contributing to the mobility industry's body of technical knowledge. SAE International is looking for your experience and expertise in Ground Vehicle Powertrain, Fuels, and Lubricants. We are asking for you to share your time and talent to write a paper and give a presentation.

Topics Under Consideration

General Powertrain Development

- 0-D and 1-D Modeling and Numerics
- Multi-Dimensional Engine Modeling
- Control System Design and Calibration
- Fluid Flow Measurement and Analysis
- Diagnostic Development
- Fundamental Advances in Heat Transfer and Thermal Sciences
- High Efficiency IC Engines Concepts
- Powertrain Development in Non-Road Mobile Machinery

Engine Combustion

- Combustion in Spark Ignition Engines
- Combustion in Compression Ignition Engines
- Homogeneous Charge Compression Ignition, HCCI
- Spark Assisted Compression Ignition, SACI
- Partially Premixed Combustion, PPC
- Dual Fuel Combustion
- Combustion in Gaseous Fueled Engines
- Combustion Control and Optimization
- Cold Start Transients

Exhaust, Aftertreatment, & Emissions

- Exhaust Emissions Control - New Developments
- Exhaust Emission Control Systems
- Emission Control Modeling
- Emissions Measurement and Testing (Including exhaust & non-exhaust particulate emissions)
- Regulated and Unregulated Gaseous Emissions
- Cold Start Emissions
- Post Euro 6 Emissions Development
- Worldwide Harmonized Light Vehicle Test Procedures & Real Driving Emissions

Fuels and Lubricants

- Fuel & Additive Effects on Engine Systems
- Fuel Injection and Sprays
- Alternative and Advanced Fuels
- Gasoline Engine Lubricants
- Diesel Engine Lubricants
- Holistic Fuel Consumption and Fuel Economy

New Engines, Components, Actuators & Sensors

- New CI & SI Engines and Components
- Engine Boosting Systems
- CI & SI Cylinder Systems
- Small Engine Technology
- Powertrain NVH
- Powertrain Actuators and Sensors
- Valvetrain, including VVA

Hybrid & Electric Powertrains

- Advanced Hybrid and Electric Vehicle Powertrains
- Advanced Fuel Cell Vehicle Applications
- Advanced Battery Technologies
- Electric Motor & Power Electronics
- Controls for Hybrid and Electronic Powertrains
- Life Cycle Analysis

Transmission & Driveline Technology

General Author Resources Page
volunteers.sae.org/authors.htm

How to Write an SAE International Technical Paper
volunteers.sae.org/authors/sae_tech_paper.pdf

Reviewer Resources

If you are interested in becoming a paper reviewer, guidance and judgement information is provided at volunteers.sae.org/reviewers.htm

For questions contact

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SUBMIT

Important Information

If your Manuscript is selected for Podium Time and you do not attend, your manuscript may not be eligible for publication.

Abstracts must be submitted online via website page to only ONE session. Offered papers shall not have been previously published; and if accepted, contributors will not release their paper for publication through other media.

- Paper acceptance will be based on organizer moderated peer review of a review ready manuscript.
- Refer to the author resources site at volunteers.sae.org/authors.htm for other useful information in preparing your paper.
- Portal for submission of abstracts will be open on **June 12, 2019**
- Deadline for submitting abstracts **February 28, 2020**

- Review Ready Manuscripts due to session organizers **March 31, 2020**
- Final Manuscripts and copyright assignments due to SAE **July 21, 2020**
- Authors will be charged a nominal registration fee for colloquium attendance.