



CALL FOR PAPERS/PRESENTATIONS

Energy & Propulsion Conference & Exhibition November 12-14, 2024 | Columbus, Ohio

The Energy & Propulsion Conference & Exhibition (previously called the Powertrains, Fuels & Lubricants Meeting) invites you to share your time and talent to write a paper and give a presentation. 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 sustainable energy & propulsion.

New for 2024 is a session focused on Infrastructure. We are seeking to convene policy experts from State DOTs to showcase what they are developing with vehicle manufactures, other DOTs, federal government agencies and energy producers. Additionally, we would like to share with DOT the work industry and infrastructure providers are doing in the areas of EV and hydrogen charging stations and the development of distribution stations.

Electric Propulsion

- Battery Technologies
- Electric Motor & Power Electronics
- Energy Sources
- Fuel Cell Vehicle Applications
- Infrastructure
- Life Cycle Analysis

Electrified and Conventional Transmissions and Drivelines

- Driveline Controls
- Driveline NVH and Launch Devices

Emissions Control

- Modeling
- Particulate Emissions

Engine Combustion

- Dual-fueled Engines
- Combustion in Gaseous fueled Engines

Fuels and Lubricants

- Alternative and Advanced Fuels
- Diesel and Gasoline Engine Lubricants

General Powertrain

- 0-D and 1-D Modeling and Numerics

- Powertrain Adaption for Connectivity and Automation
- High Efficiency IC Engine Concepts

New Engine Components, Actuators and Sensors

- Boosting and Heat Recovery
- New CI and SI Engine Components

Electric/Hydrogen Infrastructure

- Charging Systems/Management
- Energy Development/Management Strategies
- Public Private Partnership
- DOT Case Studies
- Distribution Challenges
- Technology Advancements
- National EV Charging Challenges and Issues (Charging network, availability, HD charging impact)
- Grid Impact from Transportation Electrification (Grid mix, cleaning of the grid, distribution) – vehicle to grid interaction
- Standard setting for EVSE

Student Poster Session

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 **November 11, 2023**
- Deadline for submitting abstracts is **April 9, 2024**
- Review Ready Manuscripts due to session organizers **June 20, 2024**
- Final Manuscripts and copyright assignments due to SAE **August 29, 2024**
- Authors will be charged a nominal registration fee for event attendance.

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 here volunteers.sae.org/reviewers.htm

SUBMIT