

Call for Papers



2026 International Conference on Advanced Vehicle Powertrains

September 26-27, 2026, Chongqing, China

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The 2026 International Conference on Advanced Vehicle Powertrains (ICAVP2026) is aiming to bring together industry and academic experts in the fields of vehicle powertrains and automation as well as adjacent subjects. The format will be both in-person and virtual (i.e., online). The event will open up presentations and discussions on the solutions to both latest and future challenges among the development of the following frontiers, but not limited to:

Functions, Components, & Types

- Advanced engines & drivelines
- Key components of the powertrain
- Advanced energy management
- Engine fuels, combustion & emissions
- Innovative materials
- Innovative lubrication
- Hybrid powertrains
- Power electronics

Zero-emission Motive Powers

- e-drive technologies
- Power battery and BMS
- Proton-exchange membrane fuel cell (PEMFC)
- Membrane Electrode Assembly (MEA)
- BOPs for PEMFC
- Hydrogen safety technology

AI Powered Powertrains

- Modeling & simulation for powertrains
- Powertrain integration & optimization
- Diagnostics & prognostics
- Automobile intelligence and OBD
- Digital twin technology
- Big data applications
- Digital operation and maintenance
- Auto Informatics

Renewable Powertrains

- Lightweight design
- Alternative low carbon fuels
- Solid oxide fuel cell (SOFC)
- Methanol Power
- Ethanol Power
- Ammonia Power
- Lifecycle management & technology

ICAVP2026 invites full papers describing original and yet unpublished work. All papers must include title, complete contact information for all authors, abstract, and keywords on the cover page: research papers reporting on new development of powertrains for conventional, hybrid and electric vehicles, while industry and development papers reporting on actual developments of technology, products, systems and solutions. In addition, ICAVP (<http://icavp.info/ICAVP2026/>) will invite keynotes, organize workshop and panels. Best papers will be selected for award.

Paper Submission: Papers must be submitted in PDF format. Detailed submission instructions refer to the conference website. Direct your questions to the conference chairman ICAVP2026@cqu.edu.cn for inquiries. All quality papers will be recommended to IJPT for further publishing.

KEY DATES

Paper Registration

April 25, 2026

Paper Submission

June 25, 2026

Notification

August 15, 2026

Final Paper

September 5, 2026

Organizer:



重庆大学
CHONGQING UNIVERSITY

Collaborator:



UNIVERSITY OF
BIRMINGHAM



浙江科技大学
ZHEJIANG UNIVERSITY OF SCIENCE & TECHNOLOGY