

CALL FOR PAPERS: INTERNAL COMBUSTION ENGINES AND POWERTRAIN SYSTEMS FOR FUTURE TRANSPORT

Institution of
**MECHANICAL
ENGINEERS**

11-12 December 2019
West Midlands

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Powertrain Systems and Fuels Group
Conference

CALL FOR PAPERS

Submit your abstract today to ensure your research is considered.

Submission deadline: **13 March 2019**



INTERNAL COMBUSTION ENGINES AND POWERTRAIN SYSTEMS FOR FUTURE TRANSPORT

CALL FOR PAPERS: PRESENT YOUR WORK AND BECOME A PUBLISHED AUTHOR

11-12 December 2019, West Midlands

The Institution of Mechanical Engineers' Powertrain Systems and Fuels Group invites abstracts for papers for this esteemed conference.

With the changing landscape of the transport sector, there are also alternative powertrain systems on offer that can run independently of or in conjunction with the internal combustion (IC) engine. This shift has actually helped the industry gain traction with the IC Engine market projected to grow at 4.67% CAGR during the forecast period 2019-2025. It continues to meet both requirements and challenges through continual technology advancement and innovation from the latest research.

With this in mind, the Internal Combustion Engines and Powertrain Systems for Future

Transport conference will not only cover the particular issues for the IC engine market but also reflect the impact of alternative powertrains on the propulsion industry.

The 2019 conference will provide a forum for IC engine, fuels and powertrain experts to look closely at developments in powertrain technology required to meet the demands of the low carbon economy and global competition in all sectors of the transportation, off-highway and stationary power industries.

Don't miss your chance to present your research, ideas and messages to industry leaders, NGOs, government figures and decision-makers.

TOPICS TO BE ADDRESSED:

- Engines for hybrid powertrains and electrification
- IC engines
- Fuel cells
- E-machines
- Air-path and other technologies achieving performance and fuel economy benefits
- Advances and improvements in combustion and ignition systems
- Emissions regulation and their control by engine and after-treatment
- Developments in real-world driving cycles
- Advanced boosting systems
- Connected powertrains (AI)
- Electrification opportunities
- Energy conversion and recovery systems
- Modified or novel engine cycles
- IC engines for heavy duty and off highway

HOW TO SUBMIT

Deadline: 13 March 2019

Submit an abstract for your proposed paper in 500 words and include:

- Your full name, job title, organisation and contact details
- A working title for your paper
- A short biography for the lead author (no more than 50 words)

Please submit your summary and details via the Firebird system:

flame.firebird.systems/IMECHE/ICEPSFT2019/MySubmissions

Timeline:

13 March - Initial abstract due

5 June - Draft paper due

1 September - Final manuscript due

All conference papers should be in English. Authors are required to pay the conference attendance fee at a reduced rate. Travel or accommodation expenses cannot be covered by the Institution. All accepted papers will be published and available to all conference delegates.

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