

CALL FOR PAPERS: **13TH INTERNATIONAL CONFERENCE ON TURBOCHARGERS AND TURBOCHARGING**

Institution of
**MECHANICAL
ENGINEERS**

16–17 May 2018

London

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Combustion Engines and Fuels Group
Conference

CALL FOR PAPERS

Submit your abstract today to ensure your research is considered.

Submission deadline: **7 July 2017**



13TH INTERNATIONAL CONFERENCE ON TURBOCHARGERS AND TURBOCHARGING

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

16–17 May 2018, London

The Institution's International Conference on Turbochargers and Turbocharging returns in 2018 to address current and novel aspects of turbocharging system designs and boosting solutions.

Downsizing and downspeeding development for spark ignition, compression ignition and hybrid engines will be the focus, as these are the fundamental ways to meet current emission

legislations and environmental trends for reducing CO₂.

Focusing on air management solutions and improvements in overall engine reliability, durability and compactness, this conference will examine the new systems developments being implemented.

WE ARE LOOKING FOR PAPERS ON THE FOLLOWING TOPICS:

- Downsizing, down-speeding and e-boosting concepts
- Implications of current legislation (Euro 7 and Worldwide Light Vehicle Driving Test Cycle)
- Engine emission, fuel consumption and CO₂ reduction under real driving conditions
- Single, two-stage, supercharged systems and exhaust gas recirculation
- Improved fatigue life, bearing design and rotodynamics
- Novel testing methods
- Advanced simulation and digital prototyping
- Transient response and altitude performance interaction with hybrid and e-boosting systems
- Applications of hybrid and exhaust waste energy recovery systems
- Alternative powertrains and fuel cells turbo blower
- Aerodynamics of compressors and turbines
- Control, sensors and software
- Power electronics and power storage
- High speed motors
- Advanced fuels for engines and applications of air managements systems

HOW TO SUBMIT

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 abstract
by 7 July 2017 online at
www.conftool.com/ictt2018**

For any queries about submitting your work, please contact the events team on

**+44 (0)20 7973 1251 or
eventconcepts@imeche.org**

Following this deadline, the Organising Committee will select the abstracts they wish to invite to submit a full draft paper. The draft paper should not exceed 5000 words.

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, and selected papers may be published in a special issue of Part C Journal of Mechanical Engineering.

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