

CALL FOR PRESENTATIONS: **INTERNATIONAL CONFERENCE ON VEHICLE AERODYNAMICS 2018**

Institution of
**MECHANICAL
ENGINEERS**

16–17 October 2018
Birmingham

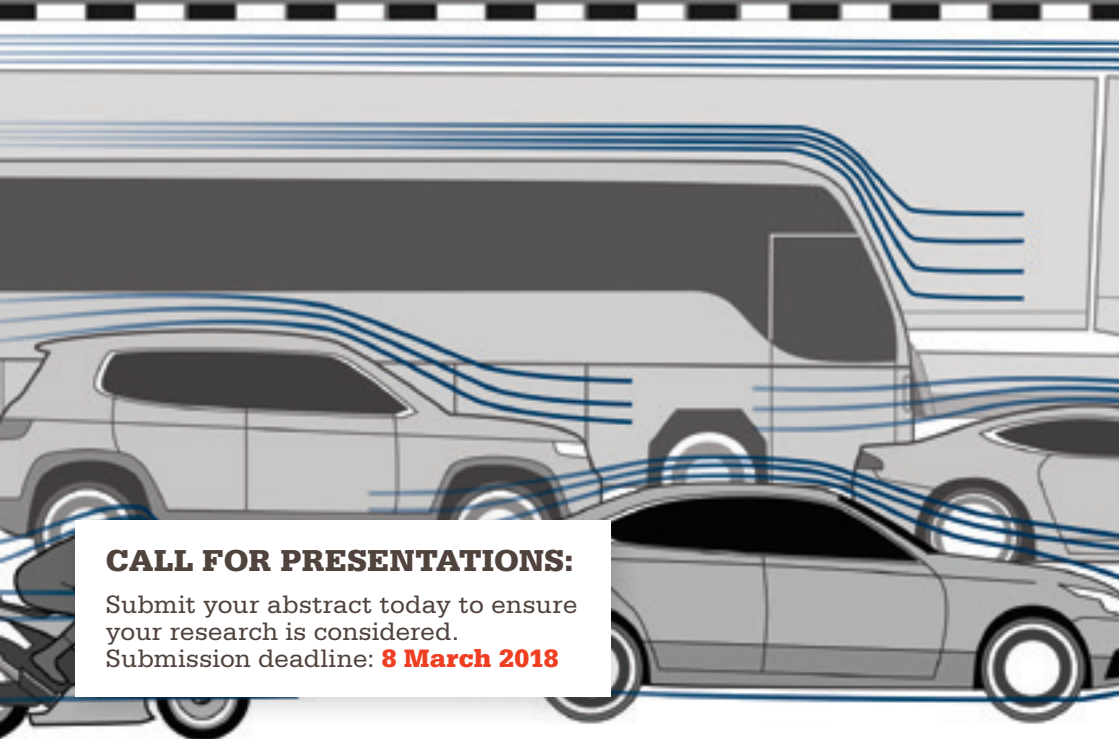
www.imeche.org/icva2018

Automotive Industries Division
Conference

CALL FOR PRESENTATIONS:

Submit your abstract today to ensure
your research is considered.

Submission deadline: **8 March 2018**



INTERNATIONAL CONFERENCE ON VEHICLE AERODYNAMICS 2018

16–17 October 2018, Birmingham

AERODYNAMICS CONTINUES TO MAKE AN INCREASING CONTRIBUTION TO THE PERFORMANCE AND CHARACTERISTICS OF PASSENGER CARS, COMMERCIAL VEHICLES, MOTORBIKES, BICYCLES AND ALSO IN MOTORSPORT.

Apart from absolute performance and energy use, increasing customer demands with relation to wind noise, soiling, visibility and comfort require aerodynamicists to be involved in many aspects of design, development and testing. These demands together with the necessity to comply with stringent worldwide legislation have seen

a significant increase in the volume of wind tunnel testing and computational analyses conducted in recent years.

Now in its 12th iteration, the International Conference on Vehicle Aerodynamics 2018 will cover the latest developments in aerodynamics, aeroacoustics and aerothermal design, test and development.

This call for presentations invites engineers, designers, suppliers, academics and researchers working in the field of vehicle aerodynamics to present their latest findings across a range of topics.

SUBMIT A SYNOPSIS:

We invite you to share your experiences and provide a basis for discussion and debate by making a 20 minute presentation to delegates. Presentations should offer practical examples of issues encountered, how they were resolved or how improvements were made.

TOPICS TO BE ADDRESSED:

- Drag reduction techniques
- Handling and stability
- Vehicle to vehicle aerodynamic interaction
- Aerodynamic development of new vehicles
- Fundamental flow regimes and structures

- Aeroacoustics
- Aerodynamic influences on cooling flows and thermal efficiency
- Advances in Wind Tunnel design and capabilities
- Advances in CFD techniques
- Understanding and simulation of real-world conditions
- On-road measurement and testing
- Surface water flows and dirt contamination
- Sporting applications

HOW TO SUBMIT

Your summary should outline the contents of a 20 minute presentation and should include the following information:

- Your full name and contact details
- A working title for your presentation
- A 250 word summary of the topic/case study that you intend to cover and its application within industry

VISIT: www.imeche.org/icva2018

Please submit your summary before **8 March 2018** to eventconcepts@imeche.org

Alternatively contact us on **+44 (0)20 7973 1251** or email eventenquiries@imeche.org

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For more information please call **+44 (0)20 304 6853** or email d_anglin@imeche.org