



CITY UNIVERSITY
LONDON

Institution of
**MECHANICAL
ENGINEERS**



International conference on compressors and their systems

9-10 September 2013
City University London





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Featuring participation by equipment manufacturers, suppliers, users and research organisations. This conference provides a forum where developments in air, gas and refrigeration compressors, vacuum pumps, expanders, related systems and components can be presented for discussion. Suitable facilities will be available for manufacturers, suppliers and distributors to meet their clients during the conference.

CONFERENCE SCOPE

Papers are invited on a wide range of topics in compressors and their systems:

- Technology Development
- Operation, Maintenance and Reliability
- Safety and Environmental Impact
- Energy Efficiency and Carbon Footprint
- System Integration and Behaviour
- Upgrades and Refurbishment
- Design and Manufacture
- Education and Professional Development

ABSTRACT AND PAPER SUBMISSION

All papers will be written and presented in English and will not have been presented or published at a previous event. The papers will be published in a soft-bound volume as well as digitally, both available to all conference delegates. Authors are expected to attend the conference to present their work. Papers of merit will be considered for submission to an IMechE journal. Papers published in the conference proceedings will also be considered for an IMechE award consisting of a monetary prize and certificate.

14 December 2012 Abstract submission deadline of not more than 250 words

15 February 2013 Selected authors to submit draft paper of up to 4000 words

24 May 2013 Draft paper refereed and final paper submitted.

Authors are encouraged to submit their synopses using CONFTOOL via the Conference website www.compressorsconference.org

CITY UNIVERSITY LONDON SHORT COURSE IN COMPUTATION FLUID DYNAMICS AND ROTARY POSITIVE DISPLACEMENT MACHINES

The University will present the second series of courses on compressor technology with emphasis on screw compressors. This course is dedicated to advanced topics in application of CFD to rotary positive displacement machines for industrial use and research.

Topics to be covered include: grid generation for complex geometries, advances in CFD methods, turbulence modelling and validation of CFD performance prediction, Integration with CAD and Industrial applications. It will be delivered by leading experts in CFD, CFD vendors, academics and industrial users.

The course will be delivered at the Northampton Square site of City University London prior to the 8th Conference on Compressors and their Systems on Saturday 7th and Sunday 8th September 2013.

ORGANISING COMMITTEE

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**Conference, Exhibition and Sponsorship Enquiries: Tel: +44(0)20 7040 8037 Email: eventsrsvp@city.ac.uk
www.compressorsconference.org**