

International Conference On Compressors And Their Systems

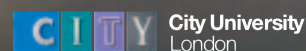
Cass Business School, City University, London

4-7 September 2005

Call for Papers



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International Conference on Compressors and their Systems

The next IMechE Conference on Compressors & their Systems, supported by City University, will be held from 4-7 September 2005 in London and will feature participation from equipment manufacturers, suppliers, users and research organisations.

The Conference provides a forum where developments in air, gas and refrigeration compressors, expanders and related systems can be presented for discussion. Suitable facilities can be provided for manufacturers, distributors etc to meet their clients during the Conference. Industrial sponsors from across the world have already pledged their support.

The Conference will be held at City University's superb Cass Business School, making it possible to take advantage of the many social and cultural facilities in central London. Good quality, low cost accommodation will be available in the University's residential buildings.

Scope

Synopses of papers are invited on a wide range of topics that will include, but is not be limited to:

- Developments in compressors and expanders
- Overall system design
- Novel approaches to design
- Benefits derived from CFD and other analysis
- New control regimes and speed control
- Noise and vibration reduction and modelling
- Energy efficiency enhancements both in products and product manufacture
- Refrigeration including the effects of HCFC replacement
- Operation and design - their effects on the environment
- The impact of legislation
- Bearings, seals and lubrication systems for improvement in reliability
- Process treatments
- Safety and environmental assessment
- Planning and managing overhauls
- Compressor upgrades
- Availability assessment and reliability improvement
- Condition and performance monitoring
- Operating history and experience
- Studies and papers on the total system design
- The effects of systems on rotating machinery - best practice
- Vacuum technology



Offers of Papers

If you are innovative in any aspect of the subject areas highlighted in the Conference scope, you are invited to share this expertise with a wide and influential audience by producing and presenting a paper. The first step is to prepare a synopsis of your proposed paper. Synopses of papers (up to 250 words in length) should be submitted by 25 October 2004.

Authors are encouraged to submit their synopses with full contact details electronically to Madeline Willis, Events Executive Tel: 020 7973 1260

Email: m_willis@imeche.org.uk

Selected authors will then be invited to submit draft papers up to 4000 words in length by 7 February 2005.

The Conference papers will be written and presented in English. Although all submitted papers will be considered by the Organising Committee, final acceptance will depend upon the Committee's decision based on the contents of the final manuscript and receipt by 16 May 2005. The presenting author of each paper will be entitled to a substantial reduction in the registration fee. All papers will be published in a hard-bound volume available to all Conference delegates. Authors are expected to attend the Conference to present their work.

The IMechE may nominate papers presented at the Conference and considered by the Organising Committee to be of special merit for appropriate awards.

City University Short Course

Advanced Methods and Tools in Compressor Design

New methods and procedures have been developed at City University, London (CUL), which facilitate both the design of more efficient compressors and existing product improvement. Engineers may learn the potential benefits of these at a short course on advanced methods in compressor design, which is to be held at CUL

on 3-4 September 2005, immediately prior to the International Conference on Compressors and their Systems. The course, which will include lectures, handouts and model software, covers three main topics, namely:

- i) Tools and methods in engineering of positive displacement compressors.
- ii) Data management and integration with industrial design tools.
- iii) Conceptual and industrial design examples.

These will be delivered by leading world experts both from academia and industry.

Participants will be given the opportunity to evaluate the Design Interface for Screw Compressors (DISCO) software, which manages design tools and data for screw compressor development, under the supervision of the course tutors.

Course fees:

For conference delegates	£300
For the course only	£400

Reply Form

INTERNATIONAL CONFERENCE ON COMPRESSORS AND THEIR SYSTEMS

Please tick where appropriate:

I wish to offer a contribution to the Conference entitled:

Title:

Synopsis is attached: ☐

Synopsis will follow: By Mail ☐ By Email ☐
(Please attach full contact details with your email)

I would like to receive information on attending the Conference: ☐
(Available June 2005)

I would like to receive information on Sponsoring/Exhibiting at the Conference: ☐

I would like information on the City University Short Course: ☐

Name

Position

Company

Address

Post Code

Telephone

Fax

Email

IMechE Member Number (if applicable)

Please attach your business card to this form.

The IMechE would like periodically to send you information on events, conferences and publications that you may be interested in. Would you like to receive such information by :-

Email: Yes ☐ No ☐ and/or

Post: Yes ☐ No ☐

Exhibition and Sponsorship: Promotional Opportunities

The exhibition will provide an opportunity for companies to promote their latest products and services to a targeted audience of delegates. There is also the opportunity to further enhance your company profile by supporting one of several aspects of the event available for sponsorship.

For further information please contact Paul Terry on +44 (0) 20 7304 6867 email p_terry@imeche.org.uk

Conference Enquiries

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Organising Committee

UK Conference Organising Committee

Ivor Ablitt	Consultant
Ian Bennett	CORAC Group Plc
Graeme Cook	Howden Compressors Ltd
Chris Dee	BCAS
Richard Jones	ABB Engineering Services
Melanie Rigby	CompAir
Ian Smith	City University
Geoff Soar	Consultant
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Other Possible Contributors/Delegates:

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Please complete this form and return it to:

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