

Call for Papers

20th International Conference

FLUID SEALING

Nottingham, UK
7–9 October 2009

Co-sponsored by:

ESA European
Sealing
Association e.V.

BVAA

BFPA The British
Fluid Power
Association

sealing
TECHNOLOGY

BHRGroup
The Fluid Engineering Centre

This is the Premier Event!

Unlike new events that have sprung up in recent times, Fluid Sealing is the premier event in its field. Always seeking new and innovative developments for presentations, it never fails to provide valuable and interesting information and new insights into old problems. After an excellent 2007 conference in conjunction with EDF, LMS and CNRS hosted by the Université de Poitiers, the 2009 Conference will return to the UK for only the second time since 1989.

An Ever-changing Mature Technology

Although mature, industry continues to demand ever increasing capability and challenges seal manufacturers to push the boundaries and to develop new products. Whatever industry you are in, there will always be a need for a better solution. The focus of this conference continues to be the dissemination of the latest knowledge from World experts.

Scope

This will encompass all kinds of sealing devices from rotating to reciprocating seals, flange gaskets and the associated flange assembly techniques. Contributions are welcomed for all types of elastomer and plastic seals, packings, gaskets, metal seals, pipe couplings, rotary mechanical seals or other types particularly novel solutions, and assembly techniques covering:

- Cost of ownership & cost savings
- Leakage and emission control
- Standards and legislation
- Health, Safety & Training, Installation & Assembly
- Seal life prediction, best available techniques & computer analyses
- Maintenance, mean time between failures & learning from failures
- Novel seal designs and materials
- Surface coatings, treatments & tribology
- New fuels and lubricants including the effects of additives and contaminants

Listing industries like Petrochemical, Oil and Gas, Power generation, Defence, Aerospace, Automotive and Transport generally, Paper & Pulp, Pharmaceutical, Food, Metal, Mining & Mineral Extraction illustrates the wide range of businesses that rely on sealing technology for their successful operation. If you want the safest, most economic and greenest operation, you need the best sealing.

Venue and Timing

The 20th International Conference will be held in Nottingham, UK on 7–9 October 2009.

Nottingham is in the heart of the industrial East Midlands of England and is a region as famous for its tradition of high-quality engineering as it is for its historical past. It is easily accessible by road, rail or air, and the venue is in the city centre, close to the Royal Theatre, the famous Market Square and many restaurants and bars. We hope to arrange industrial visits alongside the conference.

Travel and accommodation details will be included in the registration leaflet.

Supporters

The Conference is supported by: BFPA – British Fluid Power Association, BVAA – British Valve & Actuator Association, ESA (European Sealing Association) and Sealing Technology, UK.

Sponsors

There are opportunities to raise your organisation's profile through financial sponsorship at the Conference and concessions are given to financial sponsors. For more information please contact the Conference Organiser.

Attend & Learn ...

Engineers will wish to take advantage of the opportunities afforded by this important event to become fully conversant with the latest technology for ensuring good sealing. The demands on seals are ever-increasing in their stringency and more than ever becoming the focus of legislation to control environmental contamination. Loss of plant or equipment availability, environmental damage, lost or spoiled production and expensive maintenance can often be avoided by proper application and use of knowledge. This forum provides the ideal opportunities for knowledge transfer.

Enjoy Meeting Others ...

To complement the formal programme we aim to provide a pleasant atmosphere to promote informal technical discussion and personal contact, these aspects are at least as important as the organised sessions. Regular attendees will be familiar with the friendly, well organised arrangements of these Conferences, and will welcome the opportunity to renew old acquaintances and make many new ones.

Offers of Papers

Authors are invited to submit title and abstract, within the scope of the Conference, to reach the organiser by 30 January 2009.

Selection of papers will take account of originality, relevance, and likely interest to delegates. Practical and application orientated papers are preferred. Predominantly theoretical papers are normally expected to include experimental or other practical validation.

PLEASE NOTE: Papers should be of a technical nature and we recommend that authors also take an exhibition stand where they wish to support their presentation with commercial material.

Timetable

Deadline for receipt of abstract	30 January 2009
Deadline for receipt of manuscript	24 April 2009

Important – Authors Please Note

- Papers must be original, unpublished, and not pending publication elsewhere.
- The author submits each paper on the understanding that the paper must be reviewed and approved by an independent referee. If the paper is accepted, the author must attend the whole Conference to present the paper and discuss with delegates. Each presenting author is entitled to 25% discount on the full Conference fee.
- Papers, and presentation at the Conference, must be in English.
- Papers should be no longer than 15 printed pages. There is no minimum length.
- The title should be appropriate to the scope and should accurately describe the content of the paper.
- Guidelines for the preparation of manuscripts will be supplied by BHR Group. Papers conforming to these guidelines will, subject to final refereeing, be accepted for commercial publication.
- The copyright of accepted papers must be transferred to the Publisher. Authors who wish to retain copyright must notify the organisers when submitting their abstracts.
- The presenting author will receive one copy of the published proceedings and a CD of the proceedings.

Technical Advisory Committee

Mr D Edwin-Scott	James Walker & Co Ltd
Mr Brian Ellis	European Sealing Association
Mr R K Flitney (<i>Chairman</i>)	Sealing Technology
Dr S Groves	BP Exploration
Mr R Hill	Flowsolve
Mr J Middleton	ConocoPhillips
Mr K Monaghan	BHR Group Limited
Dr N Peppiatt	Hallite Seals International Limited

Overseas Corresponding Members

Professor E F Baur	Feodor Burgmann, Germany
Mr C Latty	Latty International SA, France
Prof A O Lebeck	Mechanical Seal Technology Inc, USA
Dr K Nakamura	NOK Corporation, Japan
Professor R F Salant	Georgia Institute of Technology, USA
Professor B Tournerie	Université de Poitiers, France
Mr M Werner	Teadit International GmbH, Austria

Exhibition

There will be a table top exhibition alongside the Conference. Exhibition space will be limited and prospective exhibitors are strongly advised to register their interest with the organisers at the earliest opportunity. Each exhibitor will be offered a five minute presentation to the delegates.

BHR Group's Work in Sealing

BHR Group Limited is an independent research and technology organisation that specialises in the fluid dynamics and mechanics, and fluid physical and chemical behaviour of industrial processes. We work closely with industry to understand their needs with the aim of developing new designs and improving existing operations where the movement, containment and control of fluids, often under arduous or hazardous environments is critical. We offer a range of services including Expert Consultancy, Computational Modelling and Simulation, and Testing. These services build on long term Industrial Research programmes that are directed by industry, enabling us to employ a range of specialist skills directly to challenges faced by many industries.

We have been experts in fluid sealing and related technologies since the early 1950's with current capabilities covering seal design and development, seal ageing and lifetime prediction, nano-coating of elastomers, material behaviour and tribology, lubrication and wear, and fluid-material compatibility.

For further information see: Web: www.bhrgroup.com

Enquiries

For further information, please contact:

Ms Sue Randall, Conference Organiser
BHR Group Limited
The Fluid Engineering Centre
Cranfield, Bedfordshire MK43 0AJ, UK

Email: confx1@bhrgroup.co.uk
Tel: +44 (0)1234 750422
Fax: +44 (0)1234 750074
Web: www.bhrgroup.co.uk

CALL FOR PAPERS FORM

20th International Conference

FLUID SEALING

Nottingham, UK: 7–9 October 2009

*You are also invited to submit your abstract by email to confx1@bhrgroup.co.uk –
receipt will be acknowledged.*

TITLE

AUTHOR(S) & AFFILIATION(S)

SYNOPSIS (up to 300 words: figures/tables may be included)

Please complete your contact details overleaf

Abstract required by 30 January 2009 ● Manuscript required by 24 April 2009



CALL FOR PAPERS FORM

20th International Conference

FLUID SEALING

Nottingham, UK: 7–9 October 2009

Your details

Please complete the form in block letters and tick appropriate boxes

Prof Dr Mr Mrs Miss Ms

Surname	Forename
Position	
Company	
Address	
Post/Zip Code	Country
Telephone	Fax
Email	

- I wish to submit a paper and enclose the title and abstract herewith. If accepted, I agree to attend the whole Conference and present the paper.
- I do not wish to submit a paper but would be interested in attending. Please send me full details as soon as they are available.
- I would be interested in taking exhibition space at the Conference.

Please send me further details of:

- BHR Group technical activities Forthcoming conferences BHR Group publications

Please return to: Ms Sue Randall, Conference Organiser
BHR Group Limited
The Fluid Engineering Centre
Cranfield, Bedfordshire MK43 0AJ, UK

Email: confx1@bhrgroup.co.uk
Tel: +44 (0)1234 750422
Fax: +44 (0)1234 750074

