

**Call for Papers**

**BHR Group**

EXPERTS IN FLUID ENGINEERING

*BHR Group's  
2nd International Conference on*

# PIPELINE INTEGRITY



**Dundee, Scotland**

**10–12 November 2010**

**Supported by:**



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**WORLD  
PIPELINES**

## **Introduction**

Pipeline integrity management is of paramount importance to any facilities management program. Any reduction in pipeline performance or worse still loss of integrity can have an immediate impact on safety, the environment, availability, cash flow and the business of industry and consumers alike. The consequences – environmental damage, litigation, damage to public perception and the reputation of the industry – can be even worse.

To ensure the integrity of our valuable assets our industry takes great care in ensuring that the design, operation, inspection and maintenance of pipelines are optimum. We employ skilled engineers, with relevant experience and up to date tools, to meet the immediate and changing demands of both pipeline transmission and distribution companies, and the many other industrial sectors where pipes are an integral part of a process. And yet failures still occur – and, more worryingly, are on the increase. We need to understand why, and to act to prevent them.

We are faced with some unique challenges: an ageing, and in some sectors, poorly maintained pipeline infrastructure, the need to operate it well beyond it's intended lifetime, changes in the nature of the products being transported, and changing operating approaches. At the same time, massive new construction projects, involving cross-border transportation increase the complexity of risk assessment and mitigation. This industry needs to bring the best people, experience and technology from around the world to address these problems.

## **BHR Group's 2nd International Pipeline Integrity Conference**

Following the success of our first International Pipeline Integrity Conference, the second meeting has been scheduled for Dundee in Scotland in November 2010.

The conference will again bring together leading industrial exponents of pipeline integrity including design, risk assessment, operation, inspection and maintenance. They will share their experiences and present the latest engineering philosophies, innovative technologies, materials and best practice that are available or emerging to meet the changing and new demands of pipelines. In Holland in 2008, the conference included two very successful workshops focussed on the practical issues facing pipeliners. It is planned to incorporate a further two workshops in 2010. Each workshop will be held at the end of the first two conference days.

## **Scope**

Papers and case studies are invited on current techniques and new developments under the following topics. High priority will be given to papers that discuss real applications and experiences.

- Designing for integrity
- Application and interpretation of codes and standards
- Risk assessment techniques and tools
- Through life cycle analysis
- Asset management case studies, techniques and tools
- Safety, security and insurance
- Inspection techniques and data gathering
- Data analysis techniques
- Integrity management case studies
- Maintenance optimization
- Rehabilitation and remediation technology
- Methods for ensuring long-term reliability
- Corrosion prevention/management
- Material degradation including SCC / hydro embrittlement
- ECDA / ICDA Methods and experience

## **Case Studies**

The Technical Committee recognises the wealth of knowledge within the oil & gas, petrochemical and water & waste industries and welcomes papers from these and other sectors. Case studies that present learning experiences gained from solving actual problems and meeting new challenges are always identified by delegates as providing some of the most valuable contributions to a technical conference. Authors offering new papers on major projects and novel solutions will also be prioritised in the programme.

## Venue and Timing

BHR Group's 2nd Conference on Pipeline Integrity will take place at the Apex Hotel, Dundee, Scotland, from 10–12 November 2010. Dundee, on the East Coast of Scotland, is a historic city famous for its jam, jute and journalism – and boasts many famous sights and historic figures. It is midway between Edinburgh, the capital city, and Aberdeen, Scotland's oil capital. The city's convention bureau offers a hotel booking service and a transfer service from Edinburgh's international airport.

Travel and accommodation details will be included in the registration leaflet available in summer 2010. For more details on Dundee please visit [www.conventiondundeeandangus.co.uk](http://www.conventiondundeeandangus.co.uk)

## Who Should Attend

- End Users
- Pipeline Operators
- Researchers
- Contractors
- Consultants
- Construction Managers
- Designers
- Inspection Companies
- Applicators
- Manufacturers
- Coating Manufacturers and Developers

## 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 Ally Davies by Tuesday 6 April 2010. The abstract must be relevant to the scope, and should briefly describe the content of the paper.

Review and selection of papers will take account of originality, relevance and likely interest to delegates. Practical and application orientated papers are welcome while technical papers should describe their novelty and explain how they benefit industrial applications and/or details of likely application.

**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 presentations with commercial material.**

## Timetable

Deadline for receipt of abstract	Tuesday 6 April 2010
Deadline for receipt of manuscript	Tuesday 1 June 2010

## 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.
- BHR Group will supply guidelines for the preparation of manuscripts. 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.

## **Sponsorship & Exhibition**

If you have a product or service to promote and would like to enhance your brand awareness we have sponsorship opportunities available. For details of how we can tailor a package to suit your needs, please contact the organisers. There will also be a tabletop exhibition alongside the Conference. Exhibition stands will be limited and prospective exhibitors are strongly advised to register their interest with the organisers at the earliest opportunity. There will be a tabletop exhibition alongside the Conference. Exhibition stands will be limited and prospective exhibitors are strongly advised to register their interest with the organisers at the earliest opportunity.



*Courtesy of Dundee & Angus  
Convention Bureau*

## **Technical Advisory Committees**

### **UK Committee**

Mr Nigel Curson ( <i>Chairman</i> )	Penspen Ltd
Dr Chris Fowler	Exova
Mr John Healy	MACAW Engineering Ltd
Mr Robin John	Berry Plastics Ltd
Mr Philip Karklis	BJ Process and Pipeline Services Ltd
Mr Ken Lax	Corroconsult International Ltd
Dr John Leeds	DCVG Ltd
Dr Alan Lowdon	Brinker Water
Mr Gerry McNulty	BHR Group Ltd
Mr Derek Mortimore	Selmers BV, The Netherlands
Mr David Norman	David Norman Corrosion Control

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Mr Fikry Barouky	Saudi Aramco, Saudi Arabia
Dr Mikael Braestrup	Ramboll, Denmark
Mr Mark Davidson	Worley Parsons, Australia
Mr Ashley Fletcher	Tyco Water Pty Ltd, Australia
Mr Edwin Varkevisser	Rand Water, South Africa

## **About BHR Group**

BHR Group is a leading independent technology centre in engineering with fluids, which has performed impartial product and process, research and development for international clients since 1947.

Over the past twenty years, our research and consultancy services on pipeline systems have encompassed flow assurance – covering single and multiphase transportation, pigging, internal and external pipeline protection and chemical dosing; integrity assessment including – leak detection, pipeline condition monitoring, and fatigue measurement; and process operations such as – pumping and boosting, metering and separation.

BHR Group transfers know-how and technology to a wide range of industries through technical consultancy, contract research and research consortia, training, conferences, seminars and technical information services. Visit us at [www.bhrgroup.com](http://www.bhrgroup.com).

## **Enquiries**

For further information, please contact:

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## CALL FOR PAPERS FORM

*BHR Group's 2nd International Conference on*

# PIPELINE INTEGRITY

*Dundee, Scotland: 10–12 November 2010*

***You are also invited to submit your abstract by email to [confx2@bhrgroup.co.uk](mailto:confx2@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 6 April 2010 • Manuscript required by 1 June 2010**



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### 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:* Ally Davies, Conference Organiser  
BHR Group Limited  
The Fluid Engineering Centre  
Cranfield, Bedfordshire MK43 0AJ, UK

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