

Call for Papers

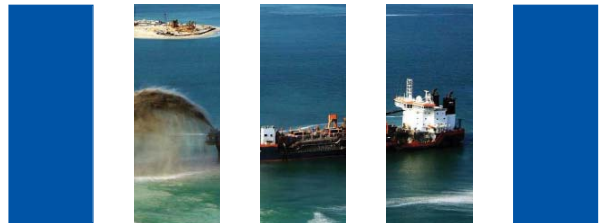
BHR Group

EXPERTS IN FLUID ENGINEERING



18th International Conference on

HYDROTRANSPORT



Rio de Janeiro, Brazil
22–24 September 2010

- Forty years of Innovative Solutions -

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Introduction

Forty years ago, in April 1970, JRD Walker, Chief Engineer of Rugby Portland Cement, welcomed over 220 delegates from 16 countries to the first Hydrotransport Conference at the University of Warwick, UK. He noted that the Black Mesa pipeline completed its first run just before the Conference began.



While the world has changed significantly over this period, this series of Conferences continues to lead the way in innovative thinking, imaginative solutions and ever-increasing improvements to the skills and development of the technology.

Warnings of global warming threatening the planet, the need for environmentally responsible cost-effective, efficient methods of transporting products is greater than ever. Meeting the challenges of handling solid/liquid mixtures in open channels and in both in-plant and long distance pipelines remains the objective of the delegates to this Conference. Bringing together the world experts from many different industries gives delegates a better understanding of how to design effective systems, troubleshoot and optimise handling techniques.

Scope

Papers are invited on all aspects of slurry transportation, including slurry handling, in-pipeline and free-surface flows.

Technologies include

- Long distance pipeline: design, construction and operation
- Start-up, shutdown and commissioning
- Economics of long distance slurry transport
- Slurry preparation, dewatering and liquor clarification
- Slurry treatment, transport and disposal
- Paste and high density tailings pumping
- Mine backfilling and hydrohoisting
- Bottom and fly ash slurry handling
- Flue gas desulphurisation operations
- Nuclear waste management
- Pipes, valves and pump maintenance
- Comminution
- Oil & gas: rock cuttings, drilling muds, sand separation, hydrate and asphaltene deposition, GTL catalyst handling
- Environmental issues
- In-plant slurry handling
- General chemical catalyst handling
- Sewage sludge handling
- Concrete and cement handling
- Equipment wear
- On-line sampling and instrumentation
- Cleaning, jetting, pigging and blockage removal
- Coarse particle transport
- Non-Newtonian, non-settling slurries
- Safety considerations
- Pipeline integrity assessment

Submission of practical case studies involving any of the technologies listed above and covering economic assessments and operational experiences are particularly encouraged by the Technical Committee.

Business areas

- Mining and aggregates
- Mineral processing
- Electrical power generation: coal, nuclear, etc
- Sludge and other waste management
- Oil & gas and petrochemicals
- Water and waste water industry
- Dredging
- Biosolids
- Agrichemicals
- Bulk and specialty/fine chemicals
- Pharmaceuticals/Healthcare
- Pulp and paper
- Ceramics
- Building construction

Whether you deploy the technique through in-plant chemical processing, across oil, mining and construction applications or transport effluent and waste products, this Conference will be focussing upon the critical aspects associated with effective operation of your processes.

Offers of papers

Authors are invited to submit title and abstract within the scope of the Conference, to reach the Conference Organiser by 22nd February 2010. The abstract must be relevant to the scope, and the title should briefly describe the content of the paper. Selection of papers will take account of originality, relevance and likely interest to delegates. Predominantly theoretical papers are expected to include experimental or other practical validation and/or details of likely application. 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	22 February 2010
Deadline for receipt of manuscript	21 May 2010

Important – Authors Please Note

- Papers must be original, unpublished, and not pending publication elsewhere.
- The author submits each paper on the understanding that if accepted he/she must attend the whole Conference to present the paper. Each presenting author is entitled to 25% discount on the full Conference fee.
- Papers, and presentation at the Conference, must be in English.
- Papers in their final form 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.

Training Course

On the two days prior to the start of the Conference, a training course will be run by the conference Chairman, Dr Nigel Heywood and colleagues. The Course will be aimed at both engineers new to the technology and others seeking to refresh their knowledge and hear of the latest technologies available. This is an excellent opportunity for attendees to gain a basic or renewed understanding of the techniques and problems faced in hydrotransport. More details of the Course, which will be open to any participant – not just delegates to the Conference – will be announced early 2010.

Who should attend?

Engineers from a wide range of industries, from research establishments, universities and from public authorities whose responsibilities include slurry handling, transportation or who are seeking novel solutions to materials transportation problems.

Venue

The Conference will be held in Rio de Janeiro, Brazil. Brazil is one of the world leaders in the design and construction of major slurry pipelines in recent years. With many skilled engineers based in the South American continent, the venue is ideally placed to bring together experts from across the region. Accommodation booking details will be included in the registration leaflet issued mid 2010.

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.

Site visits

With many important pipelines in the country, it is hoped that one or more site visits can be included in the programme of events, suggestions welcome! More details will be included in the registration leaflet.



*Photograph courtesy of
Van Oord Dredging and Marine Contractors BV*

International Technical Advisory Committee

International Committee

Mr Graeme Addie	GIW Industries Inc., USA
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Dr Robert Cooke	Paterson and Cooke, USA
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Professor André L. A. Mesquita	GTDEM - Grupo de Turbomáquinas

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.

Conference and accommodation details

InterContinental Rio has the biggest hotel convention centre in town. The Conference will commence on the morning of Wednesday 22nd September and concludes with lunch on the Friday afternoon.

The InterContinental Rio is located in front of São Conrado beach, surrounded by the beauty of the Pedra da Gávea. The hotel has three restaurants and bars to choose from and offers a wide range of amenities and services, including a full health club, beauty salon, hotel shops and an exclusive complimentary shuttle service for guests to Rio Sul shopping area and stops at Leblon, Ipanema and Copacabana beaches. For more information please visit <http://www.intercontinental.com/intercontinental/en/gb/locations/rio>.



Photographs courtesy of PSI-JRI, Chile

Conference publications

The papers from this Conference and related titles are professionally published and available through BHR Group. For further details, visit our website at www.bhrgroup.com or contact Debbie Carrington at the BHR Group address or by email at books2@bhrgroup.co.uk.



About BHR Group

BHR Group is a leading independent research centre in engineering with fluids, which has performed impartial product and process development for international clients since 1947. 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. Please visit us at www.bhrgroup.com.

Enquiries

For further information, please contact:

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CALL FOR PAPERS FORM

18th International Conference on

HYDROTRANSPORT

Rio de Janeiro, Brazil: 22–24 September 2010

**Abstracts may also be submitted by email to confx2@bhrgroup.co.uk.
If you are submitting more than one abstract, please send individually.**

TITLE

AUTHOR(S) & AFFILIATION(S)

SYNOPSIS (up to 300 words): figures, tables and images may be attached



Please ensure you provide us with your details

Abstract required by 22 February 2010 ● Manuscript required by 21 May 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	

Please tick as appropriate:

- 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
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