

Abstract Submission

An abstract of 100 words, outlining the content and conclusions should be e-mailed to the Conference secretariat:

events@materialsaustralia.com.au

or register your interest and abstract on-line at:

www.materialsaustralia.com.au/OPE09

Key Dates

Abstract submission	1 April 2009
Abstract acceptance	15 April 2009
Papers Due	15 May 2009
Revision Request	15 June 2009
Final Paper	15 July 2009

Exhibition

Commercial organisations are encouraged to participate in an exhibition held in conjunction with the conference.

Enquiries should be directed to Pauline Marvaso at WTIA, Ph: +61 2 9748 4443 or Email: events@wtia.com.au

Technical Committee

Australia

John Price and Raman Singh, Monash University (Joint Chairs)

Alan Bishop - WTIA

Russell Coade - HRL Technology

Robert Frith - PEAI

Shane Flynn - AINDT

Tony McPherson - GE Industrial Inspection Technologies

Roger Griffiths -BP Refineries

Peter McGowan - ORICA

Jennifer Simpson - Caltex

Leigh Fletcher—APIA

International: To be announced

Supporting Organisations



MATERIALS AUSTRALIA

Suite 205, 21 Bedford Street
North Melbourne
Victoria, 3051
Australia

Phone: +61 3 9326 7266

Fax: +61 2 9326 7272

E-mail: events@materialsaustralia.com.au

9TH INTERNATIONAL
CONFERENCE & EXHIBITION 2009

OPERATING PRESSURE EQUIPMENT

INCORPORATING THE AINDT
BIENNIAL CONFERENCE

26-28 August 2009
Holiday Inn, Surfers Paradise,
Queensland



www.materialsaustralia.com.au/OPE09

Announcement

The Ninth International Conference on Operating Pressure Equipment (OPE) incorporating the Biennial AINDT Conference is scheduled for 26-28 August 2009 on the vibrant and exciting Gold Coast of Australia. OPE is one of the most successful international engineering conferences run in Australia. The eight previous Australian conferences have attracted hundreds of delegates from Australia and around the world.

OPE is also now linked to international OPE conferences, the first took place in Chennai, India in 2006 and attracted around 700 delegates. The next OPE-India is scheduled for 2010. OPE - South Africa is presently in preparation and scheduled for October 2008.

Abstracts (100 words) are now welcome for the 9th OPE, Gold Coast, 26-28 August, 2009.

Aim

The conference aims to update and expand research cooperation and industrial knowledge in the wide area of piping, pressure vessels, valves and non-destructive testing, and engineering analysis. The conference has a tradition of industry/research interaction with important international contributions and an emphasis on practical applications.

Background

Pressure vessels and pipework are the heart of most industrial activities. They are costly and complex pieces of infrastructure which need to be designed, built, operated, inspected, repaired and decommissioned to the highest standards.

The demands on technology are high.

- New demands are being made on environ-

mental, safety and energy conservation issues resulting in higher temperatures and pressures and more demands on integrity

- New processes demand more consideration of corrosion and chemical attack
- Failures and leaks of pressure equipment are significant safety and cost factors such that understanding leading to prevention is critical
- Unscheduled outages often cost millions of dollars a day
- In much of industry the pressure equipment is aging and plant life is pushed well beyond original design considerations.
- Many plants are now required to operate at extremely high levels of availability with very limited time available for inspection and maintenance.

Paper Review

Papers will be accepted in two categories; research/technical and industrial/management areas.

We hope the **industrial/management area** of the conference will be a lively place for learning and cross fertilisation. We seek industrial case studies, demonstrations of equipment and reviews of management techniques.

In the **research/technical area** abstracts and completed papers will be refereed. The International Journal of Pressure Vessels and Piping will publish selected papers from the OPE Conference (subject to further reviewing).

The papers will be published in CD ROM form prior to the conference with the CD ROM and paper abstracts available for delegates at the conference. The CD ROM will be available after the conference through the Engineering Materials Bookshop.

Technical Focus

Achieving high reliability with restricted maintenance opportunities through:

- Design and manufacture

- Inspection and testing
- Welding, gaskets and bolted joints
- Coatings, corrosion, chemical attack
- Creep, fatigue
- Life monitoring & assessment, failure analysis & recovery
- Health and safety, risk analysis
- Management of assets, insurance

Keynote Speakers

The technical committee is currently inviting keynote speakers from Australia and overseas. Our previous conferences have attracted many internationally renowned speakers.

Who Should Attend

Engineers, Managers, Researchers, Consultants, Regulatory Authorities, Inspection Personnel

Industries: Oil, Gas, Petro-chemical, Electricity, Long distance piping, Mineral processing industries: Alumina, Nickel, Steel, Heating and process steam, Gas and fluid transport, Portable cylinders, Regulatory authorities, Welding contractors and suppliers, Non-destructive testing suppliers and practitioners, Boiler and pressure equipment designers and manufacturers, Universities and Research and development organisations.

Legal/Management: Health and safety, Insurance, Risk assessment, Asset Management, Economics of Maintenance, Standards, Insurance

Workshops

Special sessions for discussion of particular problems will be arranged in the keynote areas of the conference. The two proposed workshops are:

- Advanced Non-destructive testing
- Training and Skills