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UPCOMING EVENTS

20 AUGUST

University of Sydney -
Research Briefing

(Free event)

27 AUGUST

Research Developments at
the University of
Wollongong

30 AUGUST

Building a Strong Concrete
Future - UTS

6 SEPTEMBER

"Movers" & "Makers" 2013
Awards for Excellence

19 SEPTEMBER

Forensic Engineering in
Concrete Structures

(All day - National Seminar)

16-18 OCTOBER

From the President

Dear Member,

What a busy couple of months the CIA has coming up, providing you with many benefits to enjoy with your membership.



Firstly there's our University Technical Evenings at [Sydney](#), [Wollongong](#) and [UTS](#) highlighting the best of concrete academia in NSW.

Then there's the [NSW "Movers and Makers" Gala Dinner and Awards Ceremony](#) at Doltone House (September 6) with MC Murray Hartin (the Bush Poet) - this is not to be missed!

Following that there's the [Forensic Engineering in Concrete Structures](#) all day seminar on September 19 at the Park Royal in Parramatta. This is a must for all our NSW members.

Hope to see you at all our events in August and September!

David Millar
NSW Branch Immediate Past President

Concrete 2013 Conference & the Awards for Excellence in Concrete

Concrete 2013

23 OCTOBER

Shear in Concrete

13 NOVEMBER

Tunnelling

2013 NSW Branch Sponsors



**Ash Development
Association of
Australia**



The Concrete Institute of Australia's Biennial National Conference ([Concrete 2013](#)) is to be held at the Gold Coast Convention and Exhibition Centre, Queensland from 16 to 18 October, 2013.



The broad theme of the conference is "Understanding Concrete" and will feature international [Key Note Speakers](#) Dr Andy Davids from Aurecon, Professor Mario Sassone from the Department of Architecture and Design, Politecnico di Torino, Italy and Professor Surendra Shah from the Centre for Advanced Cement Based Materials, Northwestern University, USA.

The conference will provide a forum for the sharing of ideas and experience through formal presentations, industry displays and informal contact between delegates. It will be the concrete industry's preeminent technical and social event in the Southern Hemisphere for 2013.

The [technical program](#) will be of value to practicing Civil and Structural Engineers, Engineering Academics, Concrete Product Manufacturers, Civil and Building Contractors, Developers, Government Departments covering Transport, Roads, Railways and Public Works and Local Government Shires and Councils.

In addition to the technical program there are a number of [social functions](#) including the Gala Dinner on Thursday, October 17. The dinner includes the announcement of the 2013 Awards for Excellence in Concrete in the categories of Building Projects, Engineering Projects, International Projects and Technology as well as the overall winner - the prestigious [Kevin Cavanagh Medal](#).

Prior to the conference our State Branches will be holding awards evenings where they will be highlighting the entries received in the Building Projects and Engineering Projects categories. The NSW evening, ["Movers & Makers"](#), is being held on Friday, 6th September at Doltone House, Jones Bay Wharf. All seven entries will be



covered and the winners announced before they go on to represent NSW for the overall prize at the conference.

Proudly supported by our Platinum Sponsor - [Maccaferri Australia](#) and Gold Sponsor - [Sika Australia](#) the 2013 NSW Branch "Movers" & "Makers" - Dinner and Awards for Excellence is shaping up to be a great night of entertainment, networking and celebration of the achievements of the concrete industry in NSW.

Click on the links for more information about the [Concrete 2013](#) conference, the [CIA Awards for Excellence](#) and the [NSW "Movers & Makers" Dinner](#).

Duncan Miller
NSW Member Services

Seminar Review - Water Retaining Concrete Structures

19th June 2013
Harbourview Hotel,
Nth Sydney



The CIA NSW seminar "Water Retaining Concrete Structures" held on 19th June included 3 excellent speakers.

- **John Vida** (Project Manager, Abigroup Contractors) gave a wonderful overview of the Enlarged Cotter Dam and the challenges they've encountered and how they have overcome them.

- **Andrew Dickinson** from Parchem Construction Supplies provided us his experience in the durability industry and presented on "Innovative Techniques to Provide Long Term Protection of Concrete Water Assets".

- **Craig Kilpatrick** who is the General Manager of Australian Prestressing Structures presented some case studies on concrete water retaining structures that have been designed and constructed using prestress systems.

The technical evening was well attended by the CIA members of NSW and all the presentations were very well received!



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For Sponsors weblinks



**Ash Development
Association of
Australia**



**David Millar
Seminar Convenor**

Seminar Review - Piling and Foundations

18th July 2013

**Harbourview Hotel,
Nth Sydney**

Over 100 people attended a very successful seminar on 'Piling and Foundations' on 18

July featuring an attractive range of

speakers led by the incomparable, **Harry Poulos** from Coffey Geosciences. Harry led us through the current design techniques for foundations and gave us a taste of the frontiers of piling technology applied to one of the world's tallest buildings. **John Adamiec** from Frankpile presented an interesting case study of the concrete and ground challenges in redeveloping the Randwick Racecourse infrastructure and **Martin Larisch** from Piling Contractors, was able to provide us with the detailed background to the development of the latest Recommended Practice for 'Tremie Concrete for Deep Foundations'.

**Malcolm Boyd
Seminar Convenor**



Did You Know?

Concrete research in NSW is going strong.

NSW based Members of the Concrete Institute continue to lead the way in concrete technology research and innovation. At our upcoming conference, [Concrete 2013](#), around 25% of papers will be presented by NSW based Members of the Institute.





This research is being conducted at NSW universities, private and government organisations and through collaborations between academia and industry. Our upcoming seminars at the [University of Sydney](#), [University of Wollongong](#) and [UTS](#) are helping to highlight the great work being done in NSW to improve and enhance the use of concrete.

Featured Annual Sponsors

Ash Development Association of Australia (ADAA)



Ash Development Association of Australia

The ADAA was formed in 1990 by industry stakeholders to recognise the benefits associated with the reuse of coal combustion products (CCPs). Our primary objective is to conduct relevant research and technology transfer to develop market opportunities for our members and to educate the wider community on this beneficial product.

For more information, please visit <http://www.adaa.asn.au/home.php>

Laing O'Rourke Australia

Laing O'Rourke is an A\$8 billion global construction company dedicated to



engineering excellence. With operations in Australia for more than 50 years, we are delivering some of the nation's largest and most complex building, oil and gas, railway, materials handling, marine and civil infrastructure projects.

Projects currently being delivered by Laing O'Rourke throughout Australia and South-East Asia include:

Sydney Port Botany Terminal 3, New South Wales - Sydney International Container Terminal Ltd awarded Laing O'Rourke the civil and rail infrastructure



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UPCOMING EVENTS

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works contract for a new container terminal.

Moorebank Units Relocation, New South Wales - Laing O'Rourke is delivering the largest single Australian Defence capital works project since the Second World War.

Ichthys Cryogenic Tanks and Accommodation Village, Northern Territory - Laing O'Rourke is delivering the onshore LNG facilities accommodation village and a network of four massive cryogenic tanks for the Ichthys LNG Project.

MTR Express Rail Link upgrades, Hong Kong - Laing O'Rourke is currently delivering three high-profile Express Rail Link upgrades for Hong Kong's MTR Corporation, one of the world's largest mass transit providers.

www.laingorourke.com.au

If you have any questions about NSW Branch activities or the Concrete Institute in general please contact...

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