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**2016 EVENTS**

**Wednesday 17 August  
2016**



**Managing Corrosion &  
Durability**

13 September 2016  
**Why Concrete Cracks and  
How to Avoid It**  
NSW Branch Seminar

14 September 2016  
**Advances in Concrete  
Technology (Albury)**  
NSW Branch Seminar

21 September 2016  
**Concrete Roads &  
Highways**  
NSW Branch Seminar

20 October 2016  
**Fibres In Concrete**  
NSW Branch Seminar

**From the President**

Dear ,

Here at the NSW Branch, we are extremely busy hosting several upcoming events in August and September.



We are hosting our **Managing Corrosion & Durability** seminar this afternoon, featuring presentations by experienced consulting engineers, and a presentation by **Roads and Maritime Services**. The Institute is pleased to have our state's biggest asset manager presenting at this seminar.

September begins with our **Why Concrete Cracks and How to Avoid It** technical seminar held in **Canberra**. We are very lucky to have an active sub-branch in ACT, which aims to deliver resources and seminars to our Members based in Canberra and surrounding areas. The following day, we head down to **Albury** where The Institute will deliver its first regional seminar, **Advances in Concrete Technology** presented with the support of Xypex, Australia.

The following week, we have our technical seminar, **Concrete Roads & Highways**. This is a joint seminar with the Australian Society for Concrete Pavements (ASCP).

As mentioned, our NSW Branch Committee is heavily involved in preparation for our upcoming seminars. I would like to thank our dedicated Committee Members for their hard work and contribution toward the success of the NSW Branch.

31 October 2016  
**Piling Foundations -  
Analysis & Design**  
National Seminar

16 November 2016  
**Innovation In Supply**  
NSW Branch Seminar

[Click here for the latest  
information on events.](#)

## 2016 NSW Branch Sponsors



I look forward to seeing you at our September events.

**Dr Pedram Mojarrad**  
NSW Branch President

## Featured Seminars

As you may be aware, the Hume Highway from Sydney to Albury has been completed with approximately 850km of concrete pavements.



The primary focus is now on completion of the Pacific Highway to the Queensland border section by the end of 2019, with consequent huge demands for materials, equipment and experienced personnel.

Much of the work to complete this major road link will be constructed with concrete pavements.

Jump on the Hume Highway and head down to Albury for our upcoming seminar, **Advances In Concrete Technology** presented with the support of Xypex, Australia.

In Sydney, there is parallel construction of many major road links including North Connex, West Connex and many other concrete road links.

With this in mind, The Institute is hosting an upcoming seminar, **Concrete Roads and Highways**, which will highlight the extent of concrete roadworks in NSW for the coming 3 to 5 years, concrete requirements and concrete production for major highway construction.

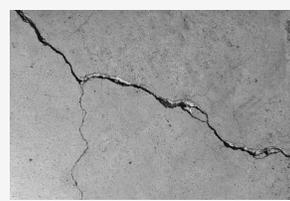
For more information on both seminars, please visit our [website](#).

## Event Preview

### Why Concrete Cracks and How to Avoid It



Wednesday 13  
September  
5.00pm - 8.00pm  
Mercure Canberra,  
Braddon ACT



Our Canberra seminar is fast approaching, and gaining traction as various stakeholders are keen to learn more about this area, and reduce concrete cracks on future projects.

This event is planned for a wide range of professionals, such as asset owners, engineers, architects, builders, concrete placers, form workers, steel fixers, PT companies and pre-mixed concrete manufacturers.

The aim is to deliver practical strategies and recommendations which can be applied to your practice straight away.

As part of this seminar, we are holding an open forum and networking opportunity following the presentation, in which attendees will be able to discuss different aspects of cracking with industry expert, and our very own National President, **Mr Michael Van Koeverden**.

If you haven't registered already, head to our [event page](#).

## Event Review

### Sydney Rail Projects Breakfast Seminar



Our recent Sydney Breakfast Seminar was a success, with 60 delegates attending to hear from three successful women in engineering discussing various aspects of the Sydney Rail Projects.

It was great to hear of the sustainability initiatives implemented by **TfNSW** through more efficient concrete use and the minimization of carbon emission and to see how **Laing O'Rourke** are embracing the use of **digital engineering** to assist with design and construction.

Both presentations were extremely engaging, and our delegates were able to witness the newly-developed Laing O'Rourke workflow

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app, with an integrated augmented reality feature. Undoubtedly, the use of this technology will pave the way for further advances in the area of digital engineering.

As always, our seminar concluded with an engaging Q&A and networking session, to which delegates were able to discuss finer details of both Laing O'Rourke and TfNSW projects.

The Institute would like to thank Dr Jane Inglis, Raquel Rubalcaba and Nicole Waterman for their interesting presentations.

Please view the [2016 event program](#) to register for our upcoming events. These are not only professional development opportunities, but a great chance to network!

## Did you know?

Following the successful completion of the **National Seismic Seminars** earlier this year, the full seminar is **now available as a Webinar** on the Concrete Institute's web site, for those interested in learning more about some of the issues involved when designing and detailing buildings for seismic loads.



The individual presentations may form an ideal series of lunchtime presentations to staff and contribute to CPD hours.

The presentations cover a wide range of issues including the seismic risk in Australia, reinforcement materials, earthquake design principles, key design issues covered in SRIA's new **Guide to Seismic Design and Detailing of Reinforced Concrete Buildings in Australia**, reinforcement detailing, lessons learnt from the Christchurch earthquake, the seismic design of the New Royal Adelaide Hospital and current research into seismic performance of reinforced concrete walls and future Standards improvement.

Speakers included some of Australia's leading experts in the field of seismic design including: Professor Paul Somerville (President of the AEES), Peter McBean (Joint Managing Director, Wallbridge and Gilbert and Vice President of AEES), John Woodside (Principal,

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J Woodside Consulting and primary author of the SRIA's new Guide), Dr Helen Goldsworthy (Associate Professor, School of Engineering, University of Melbourne), Scott Munter (Executive Director, SRIA) and Eric Lume (National Engineer, SRIA).

For more details, please visit our [online learning portal](#).

## NSW Branch Newsletter Editorial Committee

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### Eliza Elliott

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[Click here to view previous issues](#)

## Featured Sponsor

### Australasian (Iron & Steel) Slag Association

The main roles of the ASA include the collection, research and dissemination of available technical and educational information about slag.



The knowledge exchange between the Association, ASA members and relevant stakeholders enables us to advocate for changes to legislation and regulations throughout Australasia.

This information is often published through publications such as Connections our bi-monthly e-Newsletter. 'Connections October' includes member articles, changes to Standards, news briefs and technical documents produced by the ASA.

To read more about the ASA or to download and subscribe to Connections, head to the **ASA website**

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

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