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## REGISTRATIONS

Close Friday 4 September 2015. Register through the ASCP website [www.concretepavements.com.au](http://www.concretepavements.com.au) Select 'Events' tab - select this event - click 'Register' button

### FEES

**Members of ASCP:** No fee

**Non-Members:** \$75.00 (GST inclusive)

A Tax Invoice will be issued on payment

**No refunds for cancellations after 4 September 2015, but substitute names will be accepted**

### PAYMENT OPTIONS

#### Credit Card

On website registration, select 'PayPal' and use your MasterCard or Visa Card, or Telephone credit card payment (MasterCard, Visa, Diners) 02 9918 2610

#### Direct credit

Pay directly to ASCP St George Bank Account

BSB: 112 879

Account No: 155 778 722

**PLEASE PUT YOUR NAME IN THE REFERENCE FIELD SO WE CAN IDENTIFY YOUR PAYMENT**

#### Cheque to

Australian Society for Concrete Pavements  
129 Grandview Drive, Newport NSW 2106

# CONCRETE PAVEMENTS FOR AIRFIELDS



## BRISBANE, WEDNESDAY 9 SEPTEMBER 2015

AURECON OFFICES, SANTOS BUILDING, 32 TURBOT STREET  
(REGISTER ON 14TH FLOOR, THEN TO 6TH FLOOR CONFERENCE ROOM)

4.00 PM TO 7.00 PM

### GOLD SPONSORS





## ABOUT THIS FORUM

In the coming years, Australia will see some significant new airport developments including the New Parallel Runway Brisbane Airport, Sydney second airport at Badgerys Creek, new third runway and extension of existing east-west runway at Melbourne Airport, new parallel runway Perth Airport, and new runway Sunshine Coast Airport.

For many years in Australia runways have not been constructed from concrete, nor have concrete taxiways or aprons been constructed by slipform pavers. However, for more than 30 years concrete has been the normal pavement material for airfields in USA, Europe and Asia and the most common method of construction is by slipform paver. With larger and heavier aircraft, greatly increased numbers of aircraft movements, concrete is the most cost-effective and durable material for airfield pavements for major airports.

### Sydney Forum March 2015

In March this year, ASCP & CCAA held a forum in Sydney to present the developments in concrete airfield design and construction, supported with much information from overseas. In particular, considerable detail was presented about the slipform methods for constructing these pavements, and the materials and

equipment details necessary to achieve high quality and durable pavements. Much of this information will also be presented at this forum in Brisbane.

### ASCP 2015 Concrete Pavements Conference

At the recent ASCP Conference held in Coffs Harbour, Gary Fick, Consulting Engineer with Trinity Construction Management Services USA, gave a plenary session presentation on *Slipform paving of Portland cement concrete airfield pavements – USA practices and experiences* demonstrating the quality of the modern concrete airfield runway. His presentation and accompanying notes are available on request from ASCP.

### This Forum

This Forum will concentrate more closely on the present status of the New Parallel Runway project, including program status, project overview, functional pavement requirements, pavement design aspect and details, and factors leading to the selection of concrete for some of the airfield pavements. It will also include a presentation on current overseas practices and experience for slipforming of concrete airfield pavements and especially runways.

## PROGRAM

4.00 pm	Registration
4.15 pm	<b>Welcome</b> Jeffrey Lee
4.30 pm	<b>New Parallel Runway Project – Brisbane Airport Corporation   Garry Wickham</b> Garry will provide an overview of the NPR Project including a description of the scope, procurement strategy and key project issues. He will also outline some of the key technical challenges that are being addressed in the design of the new aircraft pavements including, post construction settlement, trends in aircraft design, pavement material supply and construction methods.
5.00 pm	<b>Design of Concrete Pavements for the Proposed New Parallel Runway at Brisbane Airport   Ian Thompson</b> This presentation will start by outlining the functional pavement requirements at different parts of an airfield. Using this as a basis, the process followed which resulted in the selection of concrete for some of the pavement areas on the NPR will be discussed taking account of the subgrade conditions and traffic. The presentation will also include design aspects such as the investigation of joint details and spacings, impacts of AGL, and base options.
5.30 pm	<b>Airport Pavements Around the World. An Overview of Concrete Pavements and Slipform Paving, Construction Preparation and Techniques   Todd Myers</b> Concrete pavements have been used for runways and taxiways in USA, Europe and Asia for many years and normal practice today is for these pavements to be slipformed. This presentation will address the details required to achieve high quality pavements concentrating on concrete materials design, construction preparation and construction techniques. It will also address the capability of the Australian construction industry to deliver such pavements and emphasise aspects requiring close attention.
6.00 pm	Discussion & questions
6.15 pm	Networking & refreshments
7.30 pm	Forum ends

## PRESENTERS

<b>Jeffrey Lee</b>	Queensland Branch President, ASCP Senior Pavements Engineer, Pavement Technology, ARRB Group
<b>Todd Myers</b>	President, ASCP Director, TSM Civil Project Management
<b>Ian Thompson</b>	Pavement Engineer, ANZ Infrastructure & Environment, Jacobs
<b>Garry Wickham</b>	Design Manager, New Parallel Runway Project, Brisbane Airport Corporation

## CONTINUING PROFESSIONAL DEVELOPMENT

Attendance at this event may be eligible for credit towards Engineers Australia and other organisations' Continuing Professional Development requirements.