

May 2023 Pavement Technical Online Forum

DATE

Tuesday
May 23, 2023

ONLINE

Sydney (UTC+11)
09:00-12:30

Perth (WST)
07:00-10:30

Europe (CEST)
01:00-04:30

Los Angeles (PDT)
16:00-19:30

New York (EDT)
19:00-22:30

FORUM OVERVIEW

- > Thickness Design
- > Non-erodible Subbase
- > M12 Motorway – Pavement Design Overview
- > Old methods, New technologies: bending the cost and carbon curve of concrete with sensors and AI
- > Strength-maturity correlation of BCSA cement concrete – a case study

9.00 am **Welcome and introduction**

Craig Heidrich
Executive Director
Australian Society for Concrete Pavements

9.10 am **Concrete 101 – Thickness Design**

John Hodgkinson
Hon. Member
Consultant

10.00 am **Concrete 101 – Non-erodible Subbase**

David Slingsby
Director
Slingsby Management Pty Ltd

10.30 am **15 min online Break**

10.45 am **M12 Motorway – Pavement Design Overview**

Basil Ben
Rigid Pavements Manager
TfNSW

11.15 am **Old methods, New technologies: bending the cost and carbon curve of concrete with sensors and AI**

Jeremy Pownall
Head of APAC
Converge

11.45 am **Strength-maturity correlation of BCSA cement concrete – a case study**

Aziz Mahmood
Lecturer
University of Technology Sydney

12.15 pm **Wrap-up & Close**

James Walker
Project Development Manager
TfNSW

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REGISTRATION

Register through the ASCP web site
 Select 'Events' tab - select this event - click 'Register' button

NOTE:
ONLY Registered attendees will be sent MS TEAMS link 24 hours prior to the event commencing.

FEES

ASCP Member
 Free

Non-Member
 AU\$33.00 (inc-GST)

A Tax Invoice will be issued on payment.

No refunds for cancellations 2 days prior to event, but substitute names will be accepted

PAYMENT OPTIONS

Credit Card:
 On website registration, select 'PayPal' and use your MasterCard or Visa Card.

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

ABOUT THIS FORUM

Following on from our March 2023 F2F Forum, we will kick off this Online Forum with a continuation of the 'Concrete 101' series.

John Hodgkinson (AM) will present on all things **Thickness Design**, before **David Slingsby** gives us an insight into the development of **Non-erodible Subbases** for Australian rigid pavements.

Basil Ben (TfNSW) will present on the much anticipated **M12 Motorway** project, with a **Pavement Design Overview**.

Rounding out the forum we will have **Jeremy Pownall** (Converge) and **Dr Aziz Mahmood** (UTS) offer perspectives on maturity testing.

Jeremy will explore the history and future of **concrete performance testing**, before **Aziz** provides a case study into the application of **maturity testing** in relation to a **BCSA cement concrete**.

James Walker, (TfNSW) and Forum Convener will facilitate the Q&A session before wrapping up the Online Forum

CONTINUING PROFESSIONAL DEVELOPMENT

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

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