



SA Division

IPWEA

INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA

LET'S TALK TECHNOLOGY

28 OCTOBER, 2019
4:30-6:00PM
CITY OF SALISBURY

REGISTER NOW



Institute of
Public Works
Engineering
Australia

60

fabulous years



Centre for Pavement
Engineering Education

The first in a new series, this session will provide an insight into future technologies for pavements, practical applications of these, and an overview of the Connected Cities sensor network. Following the three presentations, there will be a facilitated session of question and answers, to allow participants to share their knowledge and experience with colleagues from other councils.

Emerging technologies and innovation (pavements): Kym Nealyon, CPEE

- Road pavements for climate change
- Connected and Autonomous Vehicles
- Bitumen refineries & bitumen alternatives
- Alternative materials
- Nano-functionalised clays
- The biggest issue – predicting pavement performance under new parameters

Kym's early civil engineering career was a practical basis in open cut mining, local government engineering, state government, road construction and contract superintending before he specialised in bituminous pavement surfacings for 30

years. Coming from a practical background, his PhD dissertation was the first in Australia in the field of sprayed sealing.

Kym, whose roles have included research in the areas of chip sealing, bituminous binders, and skid resistance for Opus Research and ARRB, is now Executive Manager (Professional Development) at the Centre for Pavement Engineering Education.

Recycling, heat island and carbon reduction, adapting what we do for future needs: City of Salisbury

A panel of presenters led by Peter Levett will share insights from the City of Salisbury into the practical application of emerging technologies.

Peter Levett is a highly experienced practitioner in civil and landscape design, construction and maintenance with over 30 years' experience in local government public works with major metropolitan Adelaide councils.

In his current role at City of Salisbury Peter administers a significant road resurfacing program across a network of some 760 km and other civil works. He has led initiatives to achieve carbon reduction strategies, waste reduction, adoption of heat island reduction and current best practices and is active in cross council forums seeking improved industry standards in road surfacing.

Connected Cities: Presented by the participating councils

Connected Cities is a South Australian metropolitan sensor network developed by five councils and the University of Adelaide, with funding from the Commonwealth Smart Cities and Suburbs Program.

Its key innovations and outcomes include:

- Collaboration of five councils and University of Adelaide with The Things Network (TTN)
- World first project to incorporate standards of Australian and Asian Communications protocols in network gate ways
- Covers at least 35 per cent of Adelaide Metropolitan area with 10 new gateways

Event details

Where: City of Salisbury (venue tbc)

When: 4.30pm to 6.00pm, Monday October 28, 2019

Cost: Members: \$22.00 (GST inc)
Non-members: \$27.50 (GST inc)

Note: Refreshments will be provided.

REGISTER NOW



CORPORATE PARTNERS

