

itsaustralia<>

Roads, Tolling & Technology 2023

15-16 March 2023

Hilton Sydney

www.its-australia.com.au



Program

Wednesday 15 March 2023

8:00 – 9:00

REGISTRATION

Name Badge Collection

ALL DAY BARISTA COFFEE

Q-FREE

kapsch >>>

8.50

Welcome to Country

The Gadigal people of the Eora Nation are the traditional owners of the land now called Sydney.

9:00 – 10:30

OPENING PLENARY SESSION 1 – Major Project Updates

Level 2 Stateroom

MODERATOR

Silje Troseth Vice President APAC & General Manager Australia, Q-Free Australia
Co-Chair Roads, Tolling & Technology Program Committee

WestConnex, Autonomous Truck Trials, and other exciting projects ahead

Fiona Swan ITS Domain Lead, Transurban

North East Link State Tolling Corporation's Toll Collection Capability Project

Daniel Van der Hulst Business Solutions Manager, North East Link State Tolling Corporation

West Gate Tunnel Project Update

Marcus Forsterling Surface Manager, West Gate Tunnel Project, Transurban

Adam Krebs ME&I Design Manager, West Gate Tunnel Project, Transurban

Latest on Vehicle Connectivity Activity in Queensland

Miranda Blogg Director (CDOP Transition) Safer Road Infrastructure, Engineering and Technology, Infrastructure Management & Delivery Division, Department of Transport and Main Roads Queensland

Q&A + Discussion with Speakers

10:30 – 11:00

MORNING TEA & WATER BREAK

VITRONIC

11:00 – 12:30 BREAK-OUT SESSION 2

2A – Safety Resilience and Sustainability
Level 2 Stateroom

SPONSOR VIDEO: Achieving Sustainable Mobility Through ITS Solutions
Kapsch TrafficCom Australia

MODERATOR
Ben Hanly ITS Engineer, Cubic Transportation Systems

Sustaining Future Roads & Transport Infrastructure through Satellite-based Technology
Gerrald Mateo Area Sales Manager – Oceania, Kapsch TrafficCom Australia

Enabling Emergency Service V2V Communication for Safety Applications in Australia
Chris Myatt Principal Solutions Engineer, Q-Free Australia

Using Radar Technology for Safety, Efficiency and Environmental Benefits Across The Road Network
Rebecca James Business Development Executive, Navtech Radar

Smart Infrastructure & Net Zero
Samira Namin ITS Lead Engineer, Aurecon

Using Edge Processing with CCTV to Create Safer Intersections
Simon Washington CEO and Managing Director, Advanced Mobility Analytics Group
Michael Griffith President North America, Advanced Mobility Analytics Group

Q&A + Discussion with Speakers

LUNCH SPONSOR NOTE:
Mikaela Stewart Senior Systems Engineering Lead, Cubic Transportation Systems

2B – Connectivity and Communications
Level 2 Meeting Room 3&4

MODERATOR
Nerida Power Chief Customer Officer, Intellematics

Principles for Connected Vehicle Deployment
Mike Makin Assistant Secretary, Transport Market Reform and Technology Branch, and Head of the Commonwealth Office of Future Transport Technology, Commonwealth Department of Infrastructure, Transport, Regional Development, Communications, and the Arts

Integrated Connected Data for Safer More Efficient Traffic Management Operations
Stacey Ryan Policy Manager, ITS Australia
Dr Neema Nassir Senior Lecturer Transport Engineering, AIMES The University of Melbourne

How Traffic Signal Controller manufacturers accommodate V2X Technology in Australia
Paul Milazzo Technical Project Manager, ATC (Aldridge Traffic Controllers)

Advanced Traffic Management Solutions for High Speed Environments
Dylan Fernandes Solution Consultant - ITS, Kapsch TrafficCom Australia

The Proposed Data and Technology Framework for Heavy Vehicles being Developed as part of the New Heavy Vehicle National Law
Aaron de Rozario Executive Leader, Regulatory Reform, National Transport Commission

Q&A + Discussion with Speakers

LUNCH SPONSOR NOTE:
Ronnie Beggs Director ITS Global Solutions, Cubic Transportation Systems

12:30 – 1:30 LUNCH BREAK

CUBICTM

1:30 – 3:00 BREAK-OUT SESSION 3

3A – Technology Innovations for Enhanced User Experience

Level 2 Stateroom

MODERATOR

Alex Humphry ITS Engineer, Transurban

Intelligent Video Insights leading Tolling Innovations

Daniel Shaw Tolling Solutions Consultant, Kapsch TrafficCom Australia

How Situational Awareness Combined with Edge Computing can Help to Improve Driver Behaviour at Intersections

Mikaela Stewart Senior Systems Engineering Lead, Cubic Transportation Systems

Using Mobile Network Data to Profile Behaviour and Highlight Inequalities in Road Network Users

Wilson Yung Principal Data Science Consultant, NCS DSpark

The Future of Motorways and Multi-modal Coordinated Management

Ronnie Beggs Director ITS Global Solutions, Cubic Transportation Systems

Enhancing the Traveller Experience with MaaS

Usman Khalid Product Owner, Intelematics

Q&A + Discussion with Speakers

3B – Future Tolling & Transport Pricing

Level 2 Meeting Room 3&4

SPONSOR VIDEO: Advanced Tolling Solutions for Future Mobility

SICE

MODERATOR

Stacey Ryan Policy Manager, ITS Australia

Road User Charging Back Office. . . as a service?

Pablo Ruiz Australia Operations Manager, SICE

A Fair Road Pricing Scheme - Challenges, idea and concepts from an international perspective

Fred Kalt Managing Director, Yunex Traffic

Integrated Transport Pricing and Demand Management

Henry Wu Director, JYW Consulting

Congestion Cluedo – Which city has a true congestion charge

Harry Barber OAM Senior Associate, PBA Transit

Q&A + Discussion with Speakers

3:00 – 3:45 AFTERNOON TEA BREAK

3:45 – 5:00

PANEL DISCUSSION SESSION 4
Pathway Forward for Connected Transport in Australia

Level 2 Stateroom

Moderated Panel Discussion

Vehicles that are connected and automated, including driverless vehicles, provide opportunities for safer travel, lower costs, more transport choices, and less road congestion.

A panel discussion moderated by experts from both government and industry will gather to drive forward the draft principles that have been proposed and explore the necessary steps to attain the advantages of connected transport and autonomous vehicles for the benefit of society.

MODERATOR

Silje Troseth Vice President APAC & General Manager Australia, Q-Free Australia
Co-Chair Roads, Tolling & Technology Program Committee

PANELLISTS

Miranda Blogg Director (CDOP Transition) Safer Road Infrastructure, Engineering and Technology, Infrastructure Management & Delivery Division, Department of Transport and Main Roads Queensland

Scott Benjamin Technical Director, Intelligent Transport, ANZ Region, WSP

Mario Filipovic Manager, Product Management Office, Digital Guest Services, Digital Connected Services, Toyota Australia

Richard Delplace Director Emerging Technologies, Federal Chamber of Automotive Industries (FCAI)

Ian McCarthy Managing Director, Aimsun

Q&A + Discussion with Speakers

6:30 – 8:30

WELCOME RECEPTION – cocktail function
Zeta Bar, Hilton Sydney

Join us at the beautiful Zeta Bar terrace escape in the heart of Sydney's CBD for the Welcome Reception.



Enjoy stunning views of the Queen Victoria Building while networking and mingling with fellow attendees in a relaxed and elegant setting.

Included with your conference registration - drinks and canapes served

SPONSOR KEYNOTE ADDRESS

Jeremy Nassau Head of Future Transport and Partnerships, Transurban

Thursday 16 March 2023

8:00 – 8:30 ARRIVAL COFFEE & TEA
ALL DAY BARISTA



8:30 – 10:00 PLENARY SESSION 5
PANEL DISCUSSION – Data Driving Clever Transport

Level 2 Stateroom

Moderated Panel Discussion

Join our panel of experts as they discuss the role of data in driving the future of transportation.

The panel will delve into how data can be used to create more efficient, sustainable, and intelligent transportation systems, including the use of real-time data, predictive analytics, and machine learning.

MODERATOR

Stacey Ryan Policy Manager, ITS Australia

PANELLISTS

Rita Excell Head of Transport – ANZ, Amazon Web Services

Professor Flora Salim Professor and Cisco Chair of Digital Transport, University of NSW

Adriana-Simona Mihaitea Senior Lecturer, Lead of Future Mobility Lab, Data Science Institute, University of Technology Sydney

Jennifer Loake Head of Small & Medium Enterprise Sales – APAC, TomTom

Q&A + Discussion with Speakers

10:00 – 10:30 MORNING TEA BREAK

10:30 – 12:00 BREAK-OUT SESSION 6

6A – Case Studies and Use Cases – Here and Across the Globe
Level 2 Stateroom

MODERATOR

Chris Nielsen Senior Account Executive – Transport for NSW, Amazon Web Services

Learnings from a Self-Driving Truck Trial

Jeremy Nassau Head of Future Transport and Partnerships, Transurban

Singapore's New integrated Operations Management and Control System Platform for Three Existing Tunnels

Fatih Budak Project Director, Yunex Traffic

RSU2X Cooperative Intelligent Transport System Use Cases at Rail Level-Crossing Locations

Fred Kalt CEO, Yunex Traffic

The Spatial Digital Twin for Tunnels - Unlocking the Value of Geospatial Data

James Sanderson National Business Development Manager, Intellispatial

Road User Charging Across Multiple Jurisdictions - Applying international lessons to Australia's nascent state based RUC systems

Scott Wilson Client Service Lead Road User Charging, CDM Smith

Q&A + Discussion with Speakers

6B – Network Optimisation, Planning and Management
Level 2 Meeting Room 3&4

MODERATOR

Being finalised

Innovative Adaptive Signal Control for Integrated Transport Operations

Timothy Lim Regional Head of Professional Services, Aimsun

Cycle Priority

Lance Brand Senior Solutions Manager, Q-Free Australia

Asset Information, The New Era: Cloud-Based Ecosystem for Customer Success

Matko Spadina Engineering Portfolio Manager, UGL

Rollsy Ponmattam Madassery Senior Engineer, CMS Lead, Product Development, UGL

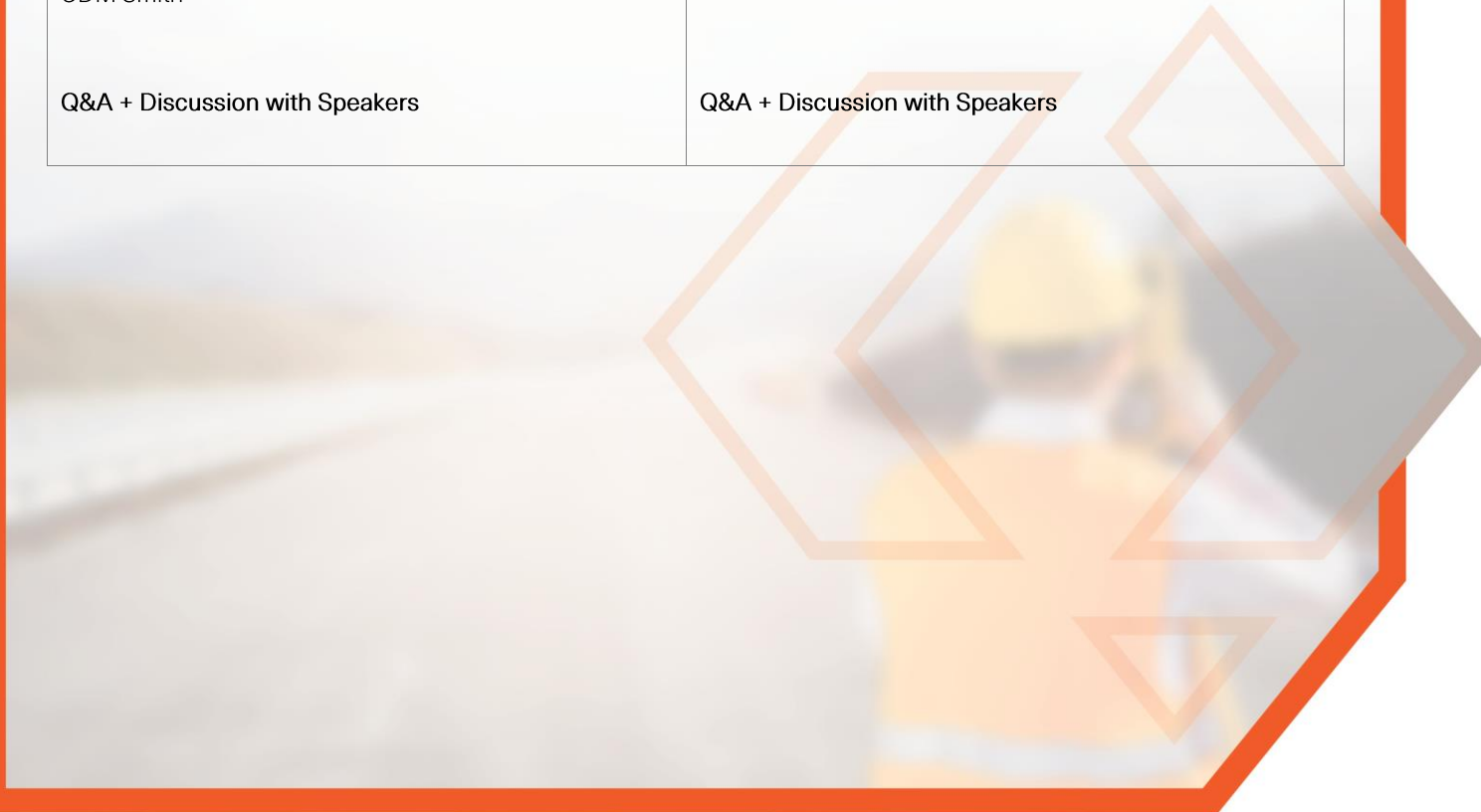
Road Pavement Maintenance Scheduling Accounting for Minimising Congestion

Munasinghe Rupasinghe PhD Candidate, Monash University

Next Gen Tolling & Network Management

Whitney Keller Project Manager, Kapsch TrafficCom Australia

Q&A + Discussion with Speakers



12:10 – 1:00

CLOSING PLENARY SESSION 7

Level 2 Stateroom

Don't miss the insightful keynote talks by industry leaders in the closing plenary session, as they share their vision and strategies for shaping the future of transportation.

MODERATOR

Susan Harris Chief Executive, ITS Australia

Singapore's Land Transport Master Plan 2040: Long-term vision, policies and targets shaping Singapore's land transport system to 2040, and beyond

Fred Kalt President, ITS Singapore

International Best Practices in Integrated Mobility Platforms: Abu Dhabi

Dr Alexandre Torday CEO, Aimsun Group

Update on ITS Global Summit 2023 Melbourne (28-31 Aug 2023)

ITS Australia Activities, Conference Close and Thank You

Susan Harris Chief Executive, ITS Australia

1:00 – 2:00

CLOSING NETWORKING LUNCH

2.00 – 4.00

OPEN WORKSHOP – ATTENDEES WELCOME

Level 2 Stateroom

Integrated Connected Data for Safe, Efficient Traffic Management

This workshop will review the iMOVE project ITS Australia, iMOVE, University of Melbourne, Transport Main Roads QLD, Department Transport Planning Victoria, Main Roads WA, Transport for NSW and Transport Accident Commission are undertaking : [Integrated Connected Data for Safe, Efficient Traffic Management](#)

This project's aim is to identify and analyse specific aspects of existing and emergent connected and other vehicle and traffic data, to identify how these could supplement and improve existing network management approaches and be integrated with modern traffic control systems in the near-term.

University of Melbourne will present on project activities to date and we will facilitate an interactive Q&A – this is an important project for our sector and we are keen to engage with subject matter experts in our industry.

We hope to have RTT delegates join us for this workshop – if you have any questions or comments please reply directly to ITS Australia.

Includes Afternoon Tea.

Email to register your spot:

Stacey Ryan Policy Manager, ITS Australia

stacey.ryan@its-australia.com.au

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