



7TH AUSTRALIAN INTELLIGENT TRANSPORT SYSTEMS SUMMIT 2019 MELBOURNE

28 – 29 August 2019 | Melbourne Convention & Exhibition Centre
#ITSSummit @ITS_Australia www.its-australia.com.au

itsaustralia
Intelligent Transport Systems

PROGRAM

Wednesday 28 August 2019

7.30 – 5.20 **Registration Open** (MCEC, near Goldfields Café)

8.00 – 5.20 **EXHIBITION HALL OPEN**

Hall 21+22

8.00 – 9.15 **EXHIBITION OPENING: Champagne n Waffle Breakfast**
Attendance is included as complimentary with all Registration – all welcome! (Exhibition Hall)

9.30 – 10.30 **SESSION 1: Welcome and Opening Plenary Addresses**

Goldfields Theatre

Moderator: Dean Zabrieszach President ITS Australia and CEO HMI Technologies
Conference Opening and Welcome

The Hon Alan Tudge MP Minister for Population, Cities and Urban Infrastructure, Australian Government
Federal Ministerial Address: Safer/Sooner - Solving Congestion and Creating Better Road User Experiences in Australia's Growing Cities

Kirk Steudle Senior VP Econolite Systems USA
Building blocks for today . . . while preparing for the future

Scott Thompson CEO Lexus Australia
Lexus Australia participation in Australian technical trials

10.30 – 11.00 **MORNING TEA BREAK** Exhibition Hall

11.00 – 12.00 **SESSION 2: Security, Infrastructure and Connected Automated Vehicles**

Goldfields Theatre

Moderator: Dennis Walsh Chief Engineer, Department of Transport and Main Roads and Vice President ITS Australia

András Csepinszky Director, Advanced Automotive Technology, NNG, Hungary
Cooperative, Connected and Automated Mobility initiatives and status in Hungary

Roland Pittar General Manager, Office of Future Transport Technology, Department of Infrastructure, Transport, Cities and Regional Development, Australian Government
Developing a national approach to prepare for connected and automated vehicles

Sunil Sharma Digital Risk Lead, GHD
Protecting critical transport infrastructure

Miranda Blogg Director, Cooperative and Automated Vehicle Initiative (CAVI), Department of Transport and Main Roads
Steps being taken to ensure the cybersecurity of the evolving CAV ecosystem – what Queensland are doing in this space

Dennis Walsh Chief Engineer, Department of Transport and Main Roads and Vice President, ITS Australia
Modelling for CAVs and EVs

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12.00 – 12.30 SESSION 3 PANEL DISCUSSION: Connectivity – Why aren't we there yet?

Goldfields Theatre

Moderator: Martin Matthews Managing Director, Martin Matthews Consulting, New Zealand

Kirk Steudle Senior VP Econolite Systems USA

András Csepinsky Director, Advanced Automotive Technology, NNG, Hungary

Miranda Blogg Director, Cooperative and Automated Vehicle Initiative (CAVI), Department of Transport and Main Roads

Jonathan Spear Executive Director and General Counsel, Infrastructure Victoria

Russell Brett Senior Business Architect, Research & Development, IAG

12.30 – 1.30 LUNCH BREAK Exhibition Hall

1.30 – 2.25 SESSION 4: Pathways to a Lower Emissions Future

Goldfields Theatre

Moderator: Elizabeth Halsted Energy and Advisory Services Leader, Arup, New Zealand

Ian Christensen Managing Director, iMOVE Cooperative Research Centre
R&D progress and impact in Intelligent Transport Systems

Alex Lockie Senior ITS Specialist, Lexus Australia

Toyota's low emissions pathway through advanced technology

John Wall Connected & Automated Vehicles Program Manager, Austroads

An initial assessment of key road operator actions to support electric vehicles

Martin Andrews CEO Chargefox

How EV drivers are using Australia's first, ultra-rapid charging stations

Elizabeth Halsted Energy and Advisory Services Leader, Arup, New Zealand

Climate change and air quality is driving the uptake of zero emission vehicles globally . . . lessons learned from overseas

2.25 – 3.00 SESSION 5 PANEL DISCUSSION: Continuing the Discussion – Pathways to a Lower Emissions Future . . .

Goldfields Theatre

Moderator: Elizabeth Halsted Energy and Advisory Services Leader, Arup, New Zealand

Alex Lockie Senior ITS Specialist, Lexus Australia

John Wall Connected & Automated Vehicles Program Manager, Austroads

Martin Andrews CEO Chargefox

Professor Rocco Zito Professor in Civil Engineering, College of Science and Engineering, Flinders University

3.00 – 4.00 AFTERNOON TEA BREAK Exhibition Hall

4.00 – 5.20 SESSION 6: Mobility as a Service | MaaS on Demand Transport
Snap-Shot Presentations and Panel Discussion

Goldfields Theatre

Moderator: Brian Negus Chair Board of Directors, Cica Group and Ambassador ITS Australia

Benjamin Hague Senior Contract Manager, Transport for NSW
On Demand Transport pilot program

Sue Wiblin Manager New Mobilities, Keolis Downer

Pilots and trials update

Nu Rosenbohm Global Solutions Expert, Urban Mobility, Kapsch TrafficCom

Urban Mobility Demand Management Strategies – Options for cities

George Chemali Project Director, Mobility as a Service Program Management Office, Dept of Transport and Main Roads

Journey to MaaS: A perspective from TMR

Will O'Neill Chief Financial & Strategy Officer, Busways Group

Delivering on Demand Services

PANEL DISCUSSION – Session speakers joined by

Dave Wall Country Manager Australia & New Zealand, Via

6.30 – 8.30: COCKTAIL RECEPTION

Cargo Hall South Wharf (39 South Wharf Promenade, South Wharf)

Main social function of the conference – held in Melbourne's premium industrial wharf precinct.
(South Wharf – 2 mins walk)

CUBIC

Enjoy delicious food stations, drinks & canapes and music by Melbourne's newest DJ – attendance is included as complimentary with Registration. A must attend!

Dress: Relaxed business Sponsor: Cubic Transportation Systems

Thursday 29 August 2019

8.00 – 4.00 **Registration Open** (MCEC, near Goldfields Café)

8.30 – 4.00 **EXHIBITION HALL OPEN**

Hall 21+22

9.00 – 10.30 **SESSION 7: Optimising and Developing Transport Networks – AI, Data, ADS**

Goldfields Theatre

Moderator: Stephen Owens Co-Chair ITS Summit 2019 and Chief Operating Officer, Intelematics

Dale Andrea Acting Executive Director Network Operations, Victoria Department of Transport
Technologies, initiatives and State of Play in Victoria

Stuart Ballingall Executive General Manager, Transport Certification Australia
New telematics applications and data insights

James Sayer Director, University of Michigan Transportation Research Institute (UMTRI), USA
Challenges to be overcome in establishing seamless integrated mobility systems

Chris Bax VP ITS Global Strategy, Cubic Transportation Systems
Detecting, Analysing and Optimising – Improving congestion in NSW

Jeff Sharp General Manager Technology Partnerships and Innovation, Transurban
Optimising the operation of our roads utilising IoT and data analytics

Geoff Allan Chief Operating Officer, National Transport Commission
Regulated Automobility Vehicle Use in Australia

10.30 – 11.00 **MORNING TEA BREAK** Exhibition Hall

11.00 – 12.10 **SESSION 8: Industry Productivity and Efficiency – Planning a stronger industry**
Diversity and Future Skills

Goldfields Theatre

Moderator: Peter Sweatman Principal, CAVita LLC USA and International Enterprise Professor, University of Melbourne

David Bolt VP Solution Consulting Asia Pacific, Kapsch TrafficCom Australia
Kapsch Factory1 – Enhancing Corporate-Startup Collaboration

Xavier Vagedes Project Leader Automated Driving, Bosch Australia
Automated Driving Development: The mindset required to engineer safety-critical systems

Sarah Tennant Strategic Advisor, Cyber Initiatives, Michigan Economic Development Cooperation, USA
Cyber Talent: Developing the Next Generation Workforce

Roland Gesthuizen STEM Lecturer (Practice), Faculty of Education, Monash University
New employment and education opportunities being created by the transport technology boom

Zoe Eather Senior Consultant, Transport Planning & Traffic Engineering, Arup
Smart Mobility – What we aren't talking about enough

12.10 – 12.30 **SESSION 9: Rapid Fire Panel Discussion: Diversity and Future Skills**

Goldfields Theatre

Moderator: Dennis Walsh Chief Engineer, Department of Transport and Main Roads and Vice President, ITS Australia

Susan Proctor Strategic Initiatives Director, Michigan Economic Development Cooperation, USA

Zoe Eather Senior Consultant, Transport Planning & Traffic Engineering, Arup

David Bolt VP Solution Consulting Asia Pacific, Kapsch TrafficCom Australia

12.30 – 1.30 LUNCH BREAK Exhibition Hall

1.30 – 2.45 SESSION 10: Closing Plenary: Global Perspectives & Technology Winners

Goldfields Theatre

Moderator: Andrew Mehaffey Co-Chair ITS Summit 2019 and Director NSW, HMI Technologies

Paul Krutko President/CEO (Ann Arbor SPARK), Treasurer (American Center for Mobility), Chair, (International Association of Science Parks and Areas of Innovation IASP), USA
Southeast Michigan as a Global Center for the Validation and Commercialization of CAV Technology and MaaS

Tony Canavan Global Government Transport Leader, Ernst & Young
The transport revolution – international approach from governments and regulators

Matthew Horn Head of Victoria & Tasmania (Rides), Uber
Maintaining Liveability – Leveraging new technologies and transforming passenger expectations

Associate Professor Guan Yong Liang Head of NTU-NXP Smart Mobility Lab, Head of Schaeffler Hub for Advanced Research (SHARE), and Editor IEEE Transactions on Vehicular Technology, Nanyang Technological University Singapore
V2X Communication – Enabling smart mobility of the future

Associate Professor Guan Yong Liang Program Working Committee Leadership Team, ITS World Congress 2019 Singapore
Update on ITS World Congress 2019 Singapore – what you can expect!

Susan Harris CEO ITS Australia
Update on ITS Australia activities, workshops, reference groups and policy initiatives – and opportunities for you

2.30 – 4.00 CLOSING DRINKS (Exhibition Hall)

Last chance for to wrap-up discussions before Summit close. Drinks and canapes served. Attendance is included as complimentary with all Registration – all welcome!

TECHNICAL TOURS

Attendance included with Full Delegate / Speaker / Moderator Registration – pre-bookings required, places limited
Buses depart / return: MCEC, 1 Convention Centre Place, South Wharf

Australian Integrated Multimodal EcoSystem (AIMES)

Hosted by: The University of Melbourne

Thursday 29 August 2019

3.00pm: Bus depart MCEC

5.00pm: Bus return to MCEC (approx.)

Attendees will be taken to Carlton to see AIMES – a world-first transport technology ecosystem based on the streets of Melbourne. AIMES was established to test highly integrated transport technology with a goal to deliver safer, cleaner and more sustainable urban transport outcomes. Hear from the AIMES team about what's connected in AIMES from road users to devices and infrastructure. See demonstrations from technology partners including Cisco and Cohda Wireless of the latest projects including using artificial intelligence to profile intersections to identify behaviours that lead to dangerous situations for road users and a MaaS showcase with our automated shuttle. This is an outdoors walking tour, comfortable shoes required.



West Gate Tunnel Project Information Centre

Hosted by: Transurban

Thursday 29 August 2019

3.00pm: Bus depart MCEC

5.15pm: Bus return to MCEC (approx.)

Visit the West Gate Tunnel Project Info Centre, where you might even catch a glimpse of the largest tunnel boring machines (TBMs) in the southern hemisphere! The TBMs are being assembled to construct the West Gate Tunnel, a fully managed motorway utilising a range of ITS systems and equipment that will provide a vital second river crossing for Melburnians. Attendees to the Info Centre visit can check out a scale model of a TBM, a fully interactive 3D model of the entire project design, and even take a 'virtual ride' on the project's new elevated cycling track – the 'veloway'.



program subject to change