

29th next
AUSTRALIAN ROAD RESEARCH BOARD INTERNATIONAL CONFERENCE generation
connectivity

Feedback on 28th arrb Conference
29 April – 2 May 2018
Brisbane Convention Centre

“Next Generation Connectivity”.

- **Intelligent Roads**
- **Future of Asset Management**
- **Disruptive Technologies, Platforms & Services**
- **Smart Journeys**
- **Human Factors of Transport**

Delegate profile

The Conference attracts a wide cross-section of delegates, including:

- state road and territory authority engineers, practitioners and policy makers
- local government professionals
- academics in roads and transport
- consultants
- road contractors.

- **Disruptive Technologies, Platforms and Services / Connected and Automated Vehicle Technology**
 - **CAV TRIALS – RECENT LEARNINGS AND GAPS IN KNOWLEDGE** (*Rita Excell and Dickson Leow, ADVI, Australia*)
- **Smart Journeys / Traffic Management and Control**
- **Future of Asset Management/ Various Applications of Bitumen in Pavement Construction**
 - **SAFER FOAMING AGENTS FOR BITUMEN** (*Dr Hossein Jafari, ARRB, Australia*)
 - **BITUMEN EXTENDED EPOXY MODIFIED OPEN GRADED ASPHALT (EMOGPA) – A SUPPLIER'S PERSPECTIVE** (*Jeff Waters, Fulton Hogan Ltd, Australia*)
 - **DEVELOPMENT OF A SPRAYED SEAL BINDER CRACKING TEST** (*Dr Robert Urquhart, ARRB, Australia*)
- **Smart Journeys/ Traffic and Congestion Data**
- **Workshop: Outdoor advertising signage and driver distraction**

- **Disruptive Technologies, Platforms and Services/ Connected and Automated Vehicles – Operational Framework**
- **Human Factors of Transport/ Human-Vehicle Interactions**
- **Intelligent Roads/ Asset Data Measurement**
- **Future of Asset Management/ Research and Investment**
- **Smart Journeys/ Travel Data Collection**
- **Workshop: Review of Draft National Research Plan**

- **Disruptive Technologies, Platforms and Services/ Making the Most of Data**
- **Human Factors of Transport/ Human-Vehicle Interactions**
- **Human Factors of Transport/ Building Road Safety**
- **Future of Asset Management/ Sustainability and Resilience**
- **Future of Asset Management/ Pavement Durability**
 - **ASSESSMENT OF THIN ASPHALT SURFACING FATIGUE DESIGN IN WESTERN AUSTRALIA** (*Zia Rice, Kieran Sharp and Geoff Cocks, ARRB Australia*)
 - **INVESTIGATION AND DESIGN OF DURABLE LONG-LIFE FRICTION COURSES FOR ROADS AND RUNWAYS** (*FJ Pretorius, I Sambo, and G McGregor, GIBB, Herman Marais, Much Asphalt, South Africa*)
 - **EXPERIMENTAL INVESTIGATION OF PERMEABLE ASPHALT SURFACE LAYERS AND THEIR CLOGGING POTENTIAL** (*Dr Filippo Giustozzi, RMIT University, Australia*)

- **Workshop: Congestion, Big Data and Beyond**
- **Workshop: Digital Security for Connected and Automated Vehicles - From Policy to Practice**
- **Smart Journeys/ Network Operations – Modelling and Optimisation**
- **Future of Asset Management/ Pavement Performance**
- **Future of Asset Management/ Responding to Freight Movement**
- **Future of Asset Management/ Pavement Design**
 - **AUSTROADS 2017 PAVEMENT DESIGN GUIDE** (*Dr Michael Moffatt, ARRB, Australia*)
 - **POTENTIAL USE OF CRUMB RUBBER ASPHALT FOR STRUCTURAL LAYERS: INITIAL PAVEMENT DESIGN ANALYSIS** (*Dr Didier Bodin and Danielle Berry, ARRB, Australia et al*)
- **Workshop: Decade of Action for Road Safety – Where to now?**

- **Future of Asset Management/ Innovative Pavement Management**
- **Disruptive Technologies, Platforms and Services/ EV, AV and UAV Technolog**
- **Human Factors of Transport/ Safe Systems**
- **Future of Asset Management/ Asphalt and Binder Technology**
 - **AUSTRALIAN PERFORMANCE-BASED SPECIFICATIONS FOR BITUMINOUS BINDERS AND CURRENT RESEARCH NEEDS** (*Dr Young Choi, ARRB, Australia*)
 - **IMPLEMENTATION OF WARM MIX ASPHALT IN THE US: PRESENT AND FUTURE** (*Associate Professor Leslie Myers McCarthy, Villanova University, USA*)
 - **TRANSFERRING CRUMB RUBBER MODIFIED BINDER TECHNOLOGY TO QUEENSLAND** (*Joe Grobler and Jeffrey Lee, ARRB, Australia et al*)