



DAY ONE: Monday 3 October

7:30 REGISTRATION OPENS		FOYER	
AUSTRALIA BALLROOM			
9:00		OPENING ADDRESS ONE - Adrian Feeney & Professor Mohammad Fard	
9:15		OPENING ADDRESS TWO - Murli Iyer & David Schutt, SAE International	
9:30		KEYNOTE ONE - Remi Bastien <i>Automated Driving for Sustainable Mobility</i>	30/45MINS
MORNING TEA			
10:00-10:30		PANEL ONE - Gary White <i>Automated Landscape</i>	
10:30		KEYNOTE TWO - Kazu Kato, NHK Spring Co.	
11:30		30 MINS	
LUNCH			
CONCURRENT ONE: Digital Transformation in Automotive Industry SESSION CHAIR: Simon Watkins		CONCURRENT TWO: Electric, Hydrogen, Fuel Cell Technology SESSION CHAIR: Frank Will	
CONCURRENT THREE: Vehicle Dynamics and Control SESSION CHAIR: Gary White		CONCURRENT FOUR: Formula SAE, EV and AV SESSION CHAIR: Scott Wardley & Nick Owen	
13:10		Virtual Gearshift (South Korea)	Sustainable Circular Economy - The Hybrid & EV Battery (Australia)
13:35		PAPER 4 - APAC-21-111	A Study on developing high heat conductive Al casting alloy by using thermodynamic simulation (South Korea)
14:00		Omni-Aware: Learnings from a roadside adaptation of automated vehicle LiDAR (Australia)	Optimum Life for Minimum CO2 in Light Duty Vehicles - Comparison of EVs with ICEs on Biogas or CNG (Australia)
14:25		Virtual Products and their Influence in Development and Testing Processes (Austria)	Novel Assessment Approaches to Support Accelerated Automotive Battery Design and Development Using Tailored Mission Profiles (Austria)
14:50		Cooperative Intelligent Transport Systems research within the AIMES Environment (Australia)	PAPER 14
15:15		PAPER 16	PAPER 17
AFTERNOON TEA			
AUSTRALIA BALLROOM			
16:10		KEYNOTE THREE - Majid Sarvi, Director of Transport Technology, University of Melbourne <i>Autonomous & Connected Vehicle Transportation</i>	
17:10		ONE HOUR	
DAY ONE CLOSE			

18:00 - 20:00 WELCOME RECEPTION IN THE ATRIUM

DAY TWO: Tuesday 4 October

7:30 REGISTRATION OPENS		FOYER	
CONCURRENT ONE: Automated and Connected Mobility 1 SESSION CHAIR: Ben Cheng / David Taylor		CONCURRENT TWO: Mobility Comfort SESSION CHAIR: Kazuo Kato / Tia Gaffney	
CONCURRENT THREE: Vehicle Crash Safety SESSION CHAIR: Professor Dr. Thilo Roth / Lukas Laarmann		CONCURRENT FOUR: Manufacturing & Materials SESSION CHAIR: Matthias Weiss / Charles Karl	
8:30		Utterance Understanding based Vehicle Specialized Voice Recognition System (South Korea)	Development of an intelligent air cleaning system (South Korea)
8:55		High Definition mapping for C-ITS (Australia)	A Development for slim and light weight cushion-linked back recliner rear seat (South Korea)
9:20		A user-personalized Model for Destination Prediction with Navigation logs (South Korea)	Development of seat suspension with skyhook type characteristics using duffing style spring characteristics and damping characteristics (Japan)
9:45		PAPER 31 - APAC-21-127	Research on operating sounds from power slides used for vehicle seats (Japan)
10:05		Ipswich Connected Vehicle Pilot - Safety Evaluation of Vehicle to Infrastructure applications (Australia)	A novel automotive HVAC system for inhibition of evaporator contamination (South Korea)
MORNING TEA			
11:00		Forecasting near-term (to 2031) uptake of technologies to support transport agency decision-making (VIC, Australia)	PAPER 40-APAC-21-179
11:25		Supporting Automated Driving through Investments in Physical Infrastructures (VIC, Australia)	PAPER 44-APAC-21-180
11:50		PAPER 47 - APAC-21-138	PAPER 48-APAC-21-181
12:15		PAPER 51 - APAC-21-139	The benefits of variable stiffness and variable damping suspension system on motion sickness (Australia)
LUNCH			
13:40		PAPER 55 - APAC-21-140	Analysis of the performance of Melbourne's High Capacity Metro Train's suspension system under irregular track conditions (Australia)
14:05		Ipswich Connected Vehicle Pilot - Cloud-Hosted Central Facility Performance Evaluation (Australia)	PAPER 60
14:30		PAPER 63	PAPER 64
AFTERNOON TEA			
AUSTRALIA BALLROOM			
15:20		KEYNOTE 4: Professor Thilo Roth <i>From Mobility Thinking to Vehicle Thinking</i>	
16:00		PANEL TWO - DAVID Young (TAC) <i>Road Safety and Legislation</i>	
17:00		ONE HOUR	
DAY TWO CLOSE			

18:15 SHUTTLE SERVICE DEPARTS

19:00 - 23:00 GALA DINNER @ REGENT THEATRE

DAY THREE: Wednesday 5 October

7:30 REGISTRATION OPENS		FOYER	
AUSTRALIA BALLROOM			
8:30		DAY THREE OPENING	
9:00		PANEL THREE - Paul Nutton (ADF) <i>Defence - Land Assets</i>	
MORNING TEA			
CONCURRENT ONE: Emerging Transport Technology (Aviation, VTOL and Drones) SESSION CHAIR: Simon Watkins		CONCURRENT TWO: Human Factors & Ergonomics SESSION CHAIR: Carla Hoorweg	
CONCURRENT THREE: Automated and Connected Mobility 2 SESSION CHAIR: Remi Bastien		CONCURRENT FOUR: Vehicle Software and Electronics SESSION CHAIR: Dr Shane Richardson	
10:00-10:30		Applying Automotive Standards for Human-Centred Air Taxi Design (Germany)	Supporting Driver Training - From Vehicles with Advanced Driver Assistance Systems to Fully Autonomous Vehicles (VIC, Australia)
10:30		PAPER 75 - APAC-21-177	Supporting Driver Training - From Vehicles with Advanced Driver Assistance Systems to Fully Autonomous Vehicles (VIC, Australia)
10:55		PAPER 75 - APAC-21-177	Supporting Driver Training - From Vehicles with Advanced Driver Assistance Systems to Fully Autonomous Vehicles (VIC, Australia)
11:20		Autonomous barking drones fleet management to detect and repulse cattle (Australia)	Topological Data Analysis (TDA) on the Application of Fatigue Driving Detection (China)
11:45		The Threat From Above To Terrestrial Transport (Australia)	Detection of driver behaviours and the effect of camera shooting angles on the deep learning model accuracy (Australia)
12:10		PAPER 87	The Comparison of Time Out-of-lane, Standard Deviation of Lateral Position and Steering Angle as the Measure of Driving Performance (Australia)
LUNCH			
AUSTRALIA BALLROOM			
13:40		Conference Summary & Invitation to APAC22	
14:20		CLOSING	
14:50		CONFERENCE CONCLUDES	
SITE TOUR			