



MTA LEADING AUTOMOTIVE INNOVATION

CARMAGEDDON

NEW WORLD MOBILITY



PROGRAM | THURSDAY 21 MARCH 2019

Time	Presenter/Topic								
08:30	Registration								
09:00	WELCOME, TRADITIONAL LANDOWNER ACKNOWLEDGEMENT & HOUSEKEEPING Paul Kulpa, General Manager MTA Institute Paul Peterson, Chairman MTA Queensland Board								
09:10	OPENING ADDRESS The Hon Karen Andrews MP Minister for Industry, Science and Technology								
09:20	KEYNOTE 1 - MOBILITY: AN INDUSTRY PERSPECTIVE Dr Brett Dale, CEO MTA Queensland								
10:00	PANEL 1 - SMART CITIES AND THE FUTURE OF MOBILITY Facilitator: Cat Matson, Brisbane's Chief Digital Officer <ul style="list-style-type: none"> • Dr Kellie Nuttall, Partner Deloitte • Prof Michael Milford, QUT Science and Engineering Faculty, Electrical Engineering, Computer Science, Robotics and Autonomous Systems • Dr Brett Dale, CEO MTA Queensland 								
11:00	Morning Tea Break (15 mins)								
11:15	KEYNOTE 2 - CHARGEAGEDDON: ELECTRIC VEHICLES ARE COMING AND SO ARE THEIR CHARGING STATIONS Dr Paul Sernia, Chief Product Officer, Founder, Tritium								
11:45	KEYNOTE 3 - DEATH, DELAYS AND DIFFERENTIATION: TAKEAWAYS FOR AUSTRALIA FROM RECENT EVENTS IN AUTONOMOUS VEHICLES Prof Michael Milford, QUT Science and Engineering Faculty, Electrical Engineering, Computer Science, Robotics and Autonomous Systems								
12:15	CHECK OUT THE CARS! <table border="0"> <tr> <td>1. Jaguar I-Pace</td> <td>3. ACE Cargo</td> <td>5. Hyundai Ioniq</td> <td>7. Renault Kangoo ZE</td> </tr> <tr> <td>2. Tesla Model S</td> <td>4. Tesla Model X</td> <td>6. Hyundai Nexso</td> <td>8. Renault Zoe</td> </tr> </table>	1. Jaguar I-Pace	3. ACE Cargo	5. Hyundai Ioniq	7. Renault Kangoo ZE	2. Tesla Model S	4. Tesla Model X	6. Hyundai Nexso	8. Renault Zoe
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13:00	Lunch (30 mins)								
13:30	KEYNOTE 4 - BLOCKCHAIN TECHNOLOGY Eden Spencer, Founder & CEO, Block2								
14:00	PANEL 2 - NEW FUEL TECHNOLOGY Facilitator: Dr Brett Dale, CEO MTA Queensland <ul style="list-style-type: none"> • Mark Dutton, Team Manager, Triple Eight Race Engineering • Scott Nargar, Public Relations Manager of Future Mobility & Government Relations, Hyundai • Graeme Manietta, Chairman Queensland Branch, Australian Electric Vehicle Association 								
14:45	WRAP UP Paul Kulpa, General Manager MTA Institute								

PRESENTERS/PANELISTS



DR BRETT DALE

Chief Executive Officer, Motor Trades Association of Queensland

Dr Brett Dale was appointed Group CEO for the Motor Trades Association of Queensland in May 2016. Brett has held senior leadership roles for the past 14 years, commencing as Managing Director of the MTA Institute, which is the leading automotive provider for training and apprenticeship delivery in Queensland. Brett holds a Doctor of Business Administration, Change Leadership and Intrapreneurship. He is an accomplished intrapreneur developing many new commercial opportunities for the MTA Group. In 2017, he was instrumental in the development of Australia's first automotive hub MTAiQ, which provides an eco-system that supports innovation in the motor trades.



CAT MATSON

Chief Digital Officer, City of Brisbane

Cat Matson is Brisbane's Chief Digital Officer (CDO) and the General Manager of Innovation for the city's economic development board, Brisbane Marketing. As CDO she is charged with the digital transformation of the city and driving Brisbane's city-wide innovation strategy. Brisbane is the second city in the world to appoint a CDO and is well advanced in the digital transformation journey to becoming a personalised, efficient, inclusive and prosperous smart city. An experienced digital and start-up strategist and respected business leader, Cat takes an "all-of- Brisbane" approach to making it easier to work, grow, learn, contribute to and ultimately live in Brisbane.



DR KELLIE NUTTALL

Partner, Deloitte

Dr Kellie Nuttall is Deloitte's lead Partner for Future of Mobility in Australia, a role in which she works with clients across a range of industries to understand the impact of the rapidly changing mobility landscape. Kellie has a doctorate in nudge psychology and also leads Deloitte's Analytics and Artificial Intelligence practice in Australia. Kellie is a passionate advocate for the role governments can play in catalyzing tomorrow's seamless integrated mobility system.



PROFESSOR MICHAEL MILFORD

QUT Science and Engineering Faculty, Electrical Engineering, Computer Science, Robotics and Autonomous Systems

Professor Milford conducts interdisciplinary research between robotics, neuroscience and computer vision and is a multi-award-winning educational entrepreneur. His research models the neural mechanisms in the brain to develop new technologies in challenging applications. He is also one of Australia's most in demand technological experts and is a passionate science communicator. He currently holds the position of Professor at the Queensland University of Technology, as well as Australian Research Council Future Fellow, Microsoft Research Faculty Fellow and Chief Investigator at the Australian Centre for Robotic Vision.



DR PAUL SERNIA

Chief Product Officer, Founder, Tritium

Dr Paul Sernia is the Chief Product Officer and a co-Founder of Tritium – a designer and manufacturer of charging stations for electric vehicles. He has over 15 years' experience working with technology focused businesses bringing new innovations to global markets and his professional background is in business and power electronics engineering. He is passionate about the future of electrified transportation and loves driving his electric car every day.



EDEN SPENCER

Founder & CEO, Block2

Eden Spencer is a highly regarded disruptive mobility and innovation leader and his collaborative leadership style sees him motivate and empower his teams to achieve commercial outcomes and deliver exceptional results. He is a natural entrepreneur who excels in managing a journey from an idea through to commercialisation. As mobility leader, Eden is consistently at the forefront of knowledge around this once in a century disruption. He has built a strong reputation as both a thought leader and aggregator amongst industry peers, constantly sought out for advisory and guidance around best practise and understanding.



MARK DUTTON

Team Manager, Triple Eight Race Engineering

Mark Dutton has established himself as one of the most highly respected members of the Australian Supercars paddock. He studied mechanical engineering at Queensland University of Technology, being named Young Alumnus of the Year in 2012 for his achievements. To this day Dutton is the most successful race engineer in the modern era of the sport in terms of results. In 2014 he was promoted to team manager to head up the series' most dominant force. As well as leading the squad, Dutton remains an integral part of the engineering team. Mark has many accomplishments including creating the Red Bull Racing Australia V8-Supercar-come-drift-car hybrid, which received worldwide appreciation.



SCOTT NARGAR

Public Relations | Manager of Future Mobility & Government Relations, Hyundai

Scott has over two decades of experience in the motor industry in technical, media, product planning and technology advocacy roles. For the last eight years Scott has been working for Hyundai Motor Company Australia in senior technical management, product planning, environment and Government engagement policy roles. Scott leads the company's Hydrogen Fuel Cell Electric Vehicle project and future mobility programs.

As a passionate proponent of vehicle safety, renewable transport and autonomous vehicle technology, Scott has engaged with many levels of Federal and State Government, as well as policy and academic experts and key industry partners around the world.



GRAEME MANIETTA

Chairman Queensland Branch, Australian Electric Vehicle Association

Graeme Manietta is current Chairperson of the Australian Electric Vehicle Association QLD Branch and manager of Oz Diy Electric Vehicles that specialises in converting regular cars to electric drive. Graeme has been converting and repairing electric cars since 2009 firstly as a personal interest and later as a small business. Graeme imports all components for conversions and has starting to do EV auto recycling of parts from accident damaged cars. He was also one of the organising team for the highly successful 2018 EV Expo and EV Conference in Brisbane. Graeme has been driving his first EV Conversion, a 1990 suzuki swift for almost ten years and closely follows developments in the EV industry.

FLOOR PLAN

