

Visioning Future Transport Mobility

7:00am – 8:45am, Wednesday 15 March 2023

Speakers' Hall, Queensland Parliament House, Corner of George and Alice Streets, Brisbane

Researcher biographies

Professor Matthew Burke – Professor, School of Engineering and Built Environment and Deputy Director, The Cities Research Institute, Griffith University

Professor Burke chairs Griffith's transport research agreements with the Queensland Government and the Brisbane City Council. Most of his research is across transport innovation, active transport, micro-mobility, public transport and transport-land use integration. Matthew is leading a new international research group in "Transport for Major Events" involving top Asia-Pacific universities. He has also just recruited five new PhD students to help with Games travel demand forecasting, Games wayfinding systems, Games micro-mobility, and more.



Dr Kelly Bertolaccini – Lecturer of Transport Engineering, School of Engineering and Built Environment, Griffith University

Dr Bertolaccini is a member of the Cities Research Institute and a member of the Queensland Accessible Transport Advisory Council. Her research seeks to improve transport access for vulnerable communities, including older people and people with disabilities, through human-centred transport engineering and planning. Much of her research in Australia leverages her expertise in spatial data and geographic information systems (GIS). Dr. Bertolaccini works as a part of interdisciplinary teams, alongside governments, transport operators, and industry, to better understand and address transport challenges facing our cities and communities today.



Professor Ronald Schroeter – Principal Research Fellow, Centre for Accident Research and Road Safety – Queensland (CARRS-Q), Faculty of Health, Queensland University of Technology

Professor Schroeter embraces multidisciplinary research across Human-Machine Interaction, design, human factors and road safety. His research focus is the design of innovative driving experiences that make transport by car, automated vehicles, bikes and motor bikes more safe, fun and user friendly. He has led and won six Australian Research Council competitive grants, including a prestigious DECRA fellowship and three ARC Discovery projects, and leads applied research with industry partners such as Seeing Machines, Ford, BMW, and the Department of Transport and Main Roads.



Professor Sebastien Glaser – Professor, Intelligent Transport Systems, Centre for Accident Research and Road Safety – Queensland (CARRS-Q), Faculty of Health, Queensland University of Technology

Sebastien has been a Professor at CARRS-Q since 2018. He previously contributed to and led research projects and teams in Europe. He has significant experience working with the automotive industry. His research focuses on the safe interaction between Automated vehicles and other road users. He is managing the iMOVE CRC Cooperative and Highly Automated Driving project and several extensions with the Australian Research Council and the Department of Transport and Main Roads, looking at the deployment of automated vehicles and the safety of automated technologies for their uses in on-road applications.



Dr Maisie Rahbar – Postdoctoral Research Fellow in Emerging Mobility, School of Civil Engineering, The University of Queensland

Dr Maisie Rahbar is a Transport Scientist with 10 years of experience in the field of transport planning and modelling. Maisie has been involved in a wide range of multi-disciplinary projects for clients such as state governments, delivery authorities and local councils and has extensive experience in state government public transport projects. At the University of Queensland (UQ), she was leading a research team working on the UQ Mobility as a Service (MaaS) trial known as ODIN PASS, funded by the Department of Transport and Main Roads, iMove CRC, and UQ. In this trial, Maisie evaluated the impact that MaaS has on travel behaviour at UQ, as well as more broadly across Queensland. This trial will also provide detailed insight into consumer willingness-to-pay for MaaS passes/plans, as well as consumer preferences towards different transport modes.



Professor Mark Hickman – Professor and Chair of Transport Engineering, School of Civil Engineering, The University of Queensland

Professor Hickman has taught courses and performed research in public transit planning and operations, travel demand modelling, and traffic engineering. His areas of research interest and expertise include public transit planning and operations, urban transportation planning, and the application of remote sensing technology for traffic management.

