

Director's Message from Prof John Nelson

Welcome to our Summer Newsletter. CTR has enjoyed a very busy first half of 2018 with several new awards, including a new tender from the European Commission on Smart Rural Mobility. The number of PhD students continues to grow, with a current cohort of 10 representing the highest number yet. The highlight of the year to date has been our 10th anniversary of CTR conference – reported below.

CENTRE FOR
Transport Research



CTR 10th Anniversary event - Wednesday 6th June 2018



2018 marks 10 years since the launch of CTR! To commemorate this, a highly enjoyable 1-day anniversary event was held on Wednesday 6th June 2018 in the Sir Duncan Rice Library. More than 40 past and current members and friends of CTR attended. The day included a programme of speakers who were invited to explore the future of mobility, an accompanying poster exhibition and plenty of time for networking and catching up.

Following a generous welcome from Prof Igor Guz (Head of School of Engineering at the University of Aberdeen), our keynote speaker, Prof Laurie Pickup (International Director, Vectos Ltd and Hon Chair of European Transport Policy, CTR), gave an intriguing talk on “Mobility futures: In search of the Oracle”. This was followed by John Birtwistle's (Head of Policy, UK Bus, FirstGroup) “I have a dream...” and former CTR staff member Prof Jillian Anable (Chair of Transport and Energy, University of Leeds), who spoke on travel behaviour choice. Another former CTR colleague, Brian Masson (Managing Director, MMTS Ltd), asked “Can mobility solutions in the future be fun?”. The final speaker was Prof Phil Greening (Director, Centre for Sustainable Road Freight, Heriot Watt University), who spoke on “The environmental imperative and the mobility of freight”. The speaker programme was rounded off by a PechaKucha session with our current PhD students.

Sustainable shared mobility interconnected with public transport in European rural areas (developing the concept of 'smart rural transport areas' (SMARTA))



John Nelson, Mark Beecroft and Richard Mounce have been awarded a two-year project funded by the European Commission Directorate General for Mobility and Transport (DG MOVE). The research will identify good practice and carry out pilot projects on how to exploit existing mobility options and explore ways to support sustainable shared mobility interconnected with public transport in European rural areas. Mobility is a fundamental freedom that is becoming increasingly out of reach for the young, old and lower income groups in our rural areas, as dependency on private cars increases. Mature digital solutions, already flourishing in urban areas, offer a possible route out of this negative spiral, providing the means to connect people and different shared and collective modes of transport in new ways.

Staff News

- Caitlin Cottrill is a co-investigator (with P Edwards, Computing as PI) on Realising Accountable Intelligent Systems (RAInS), a new project awarded under the EPSRC 'Trust, Identity, Privacy and Security in the Digital Economy 2.0' project call.
- John Nelson has been appointed to the Editorial Board of *Case Studies in Transport Policy*.
- John Nelson was an invited speaker at a Scotland Europa FP9 Consultation event showcasing CTR's successful experience with EU funding (Aberdeen, January).
- Caitlin Cottrill, David Corsar and John Nelson all contributed to the successful PORTIS Seminar Series on "Connected Transport Systems", which was co-hosted with Aberdeen City Council and RGU between February and May 2018.
- Caitlin Cottrill delivered a presentation on 'MaaS Surveillance: Mobility as a Service and the General Data Protection Regulation' at DfT London (March 2018).
- Mark Beecroft coordinated the IKEC-funded *Security of Future Mobility Research Workshop* with partners at the University of Leicester (May 2018).

PhD News

- Welcome to Jenny Milne who has been awarded the ETP / HITRANS studentship on Rural MaaS, commencing in February 2018. Jenny was an invited speaker at the Rural MaaS workshop organised by MaaS Scotland in Glasgow on 1st May.
- Welcome to Camilo Torres Barragan who joined CTR in April 2018 to work on "Developing a better understanding of active travel behaviours and interactions with the built environment". Camilo recently presented a paper at the International Cycling History Conference (London, June 2018).
- Nathan Darroch made a successful visit to Sao Paulo Metro, Brazil in May 2018 as part of a Partnership Agreement to develop a case study for his PhD research.
- Congratulations to Kathryn Logan, who was awarded a scholarship from IRSAE to help fund her attendance at the European Geoscience Union 2018 conference in Wien in April. Her presentation is entitled "Environmental Impacts of Replacing Conventionally Fuelled Vehicles with Electric Vehicles in Scotland: A University Case Study". Katie has also been awarded a Santander Mobility Award 2018 to undertake a 4-week visit to the Environmental and Air Pollution Control Department of Tsinghua University, Beijing, China in November 2018. She will undertake a comparative study and analysis of environmental impacts of introducing EVs in China.
- Nitin Kadam presented his first conference paper at the 2018 UTSG Conference PhD session.

Sample of Latest Publications

Cleophas, C, Cottrill, C, Ehmke, J. F. and Tierney, K. (2018) Collaborative Urban Transportation: Recent Advances in Theory and Practice. [European Journal of Operational Research](#). In Press.

Mulley, C, Nelson, J D and Wright, S D (2018) Community Transport meets Mobility as a Service: on the road to a new a flexible future. Submitted to [Research in Transportation Economics](#). In Press

Nelson, J D and Deng, T (2018) Bus Rapid Transit Implementation in China: Performance, Progress and Lessons for Transferability. Chapter for Ferbrache, F (Ed) [Developing Bus Rapid Transit: The Value of BRT in Urban Spaces](#). Edward Elgar. In Press.

Yeboah, G, Cottrill, C D, Nelson, J D, Corsar, D, Markovic, M and Edwards, P (2018) Factors influencing public transport passengers' pre-travel information seeking behaviour: advancing the evidence base. Paper presented at TRB Annual Meeting, Jan.