



Transport Studies Unit, Hilary Term 2017 | [Visit the TSU website](#) | [Follow TSU on Twitter](#)

POSITIONS AVAILABLE

Departmental Research Lecturer in Transport Studies

(Deadline 30th January)

Research Associate in Urban Mobility

(Deadline 1st February)

NEW PROJECTS

Dr Christian Brand receives UKERC funding as part of "accelerating decreases in van carbon emissions" (adVANce) project.

The adVANce project, led by the University of Leeds, aims to identify opportunities to accelerate emissions reductions from Light Goods Vehicles (LGV), the fastest

growing source of road transport emissions and a sector of transport about which current knowledge is very limited. The project will address key knowledge gaps in technology adoption, demand growth and interactions with existing policy initiatives.

The Governance of Transitions in Urban Mobility: The Case of Uber in London.

Dr Geoff Dudley has been successful with his application to the Rees Jeffrey's Road Fund to support the study of the Governance of Transition in Urban Mobility: The Case of Uber in London. The project started in September and investigates the innovative and highly controversial ride-hailing app services provided by the company Uber in London, as a means of examining the political management of an important transitional process in urban mobility. London has been chosen as the case study because it offers not only a good example of the problems caused by the introduction of a disruptive service, but also an attempt by the regulatory authority to conduct a type of transitional process that seeks to absorb the innovation into the mainstream.

WHO invite Dr Christian Brand to help develop their Health Economic Assessment Tools (HEAT) for walking and cycling.

Dr Christian Brand attended a 2 day meeting at the World Health Organisation (WHO) European HQ in Copenhagen as an invited expert to develop the WHO's Health Economic Assessment Tools (HEAT) for walking and cycling. Christian is developing a new HEAT carbon module", which is planned to be launched by the WHO in October 2017. The tool will provide an answer to the question; "If x people cycle or walk for y km a week, what is the economic value of the carbon benefits that occur as a result of the reduction in carbon emissions from motorised travel due to true mode shift?"

Transport and Mobilities: Meeting the needs of Vulnerable Populations in Developing Cities

A project led by Prof Karen Lucas (Leeds) with Dr Tim Schwanen as Co-Investigator for a strategic international network was successful in obtaining ESRC funding from the Global Challenges Research Fund. This project involves a number of research trips and will conclude with an international workshop in Oxford.

EVENTS

TSU Seminar Series 2017: Transport and Mobilities Across the Life Course

From January to March 2017, TSU will host a seminar series on the theme of “*Transport and Mobilities Across the Life Course*”. The series has a great line up of speakers from academia, policy and practice, with representatives from organisations including Transport for London and AGE UK. The first seminar on Tuesday 24th January will explore how the life course perspective can aid studies of transport and mobilities. Our invited guest speakers for this seminar are Prof Dr Joachim Scheiner from Technische Universitat, Dortmund and Claire Sheffield from Transport for London. The seminar will be chaired by Dr Tim Schwanen from the TSU. No need to register and all are welcome. Click [here](#) for more information.



Professor Jianping Wu lunchtime seminar

Professor Jianping Wu, Director of Future Transport Research Centre of Tsinghua-Cambridge-MIT at Tsinghua University in Beijing is visiting TSU on the 30th March. He will be giving a [lunchtime seminar](#) (1-2 pm in the Gilbert Room, School of Geography). This talk will introduce some of the recent researches at the Future Transport Research Centre. It will cover the following 4 areas: 1) Urban traffic emission pollution control with on-line traffic management strategy; 2) The driving

behaviour recognition using Big Data technologies; 3) Simulation system for autonomous driving; and 4) AlphaGo and the future urban traffic control.

Global Challenges in Transport - next course

TSU's next Global Challenges in Transport Leadership Programme is 14-17 March. The course has New Technologies and Changing Behaviours as its theme. A new "Early Bird" rate is available.

NEW PUBLICATIONS

Bishop, J.D.K., Axon, C.J., Bonilla, D. and Banister, D. (2016) Estimating grid payments necessary to compensate additional costs to prospective electric vehicles owners who provide vehicle to grid ancillary services. *Energy*, 94(1): 715-727.

Brand, C. (2016) Beyond 'Dieselgate': Implications of unaccounted and future air pollutant emissions and energy use for cars in the United Kingdom. *Energy Policy*, 97: 1-12.

de Sá, T.H., Pereira, R.H.M., Duran, A.C. and Monteiro, C.A. (2016) Socioeconomic and regional differences in active transportation in Brazil. *Revista de Saúde Pública*, 50.

Hopkins, D. & Higham, J.E.S [Eds] (2016) *Low Carbon Mobility Transitions*, Good Fellow Publishers, Oxford, UK.

Loo, B.P.Y. and Banister, D. (2016) Decoupling transport from economic growth: extending the debate to include environmental and social externalities. *Journal of Transport Geography*, 57: 134-144.

Middleton, J. (2016) The socialities of everyday urban walking and the 'right to the city'. *Urban Studies*.

Pereira, R.H.M., Schwanen, T. and Banister, D. (2016) Distributive justice and equity in transportation. *Transport Reviews*.

Soria-Lara, J.A., Aguilera-Benavente, F. and Arranz-Lopez, A. (2016) Integrating land use and transport practice through spatial metrics. *Transportation Research Part A: Policy and Planning*, 91: 330-345.

Steurer, N. and Bonilla, D. (2016) Building sustainable transport futures for the Mexico City Metropolitan Area. *Transport Policy*, 52: 121-133.

OTHER NEWS

Staff changes

Dr Ersilia Verlinghieri started her new role as Executive Education Programme Co-ordinator in early December. She has replaced Dr Anna Plyushteva who left TSU at the end of December. Anna will be starting a 2-year Marie Skłodowska-Curie Postdoctoral Fellowship at Vrije Universiteit Brussels. She'll be working on a project which looks at the links between sustainability and affordability aspects of the commute, in Brussels and Sofia.

TSU welcomes two recognised Ph.D students

Two recognised Ph.D students arrived at TSU in mid-September and late October, respectively. Kezhen Hu from Tsinghua University and Peilin Li from Peking University.

New D.Phil. students

Four new students began their D.Phil. last term: Nina Teng will be working on the effects of smartphone e-hailing app technology on trust in shared mobility among customers and drivers in Southeast Asia. Wenbo Guo will work on well-being, mobility and air quality. Luis Iturra will work on place experience and Yifan Han will be working on bike sharing.

Visitors to TSU

Michelman term was a busy period for visiting researchers in TSU. Professor Erling Holden and Dr Kristin Linnerud visited for six weeks to work with Prof. David Banister on their book "The imperatives of Sustainable Development". Dr John Renne from Florida Atlantic University visited for three weeks in November to collaborate with TSU. He also organised a Global Transport Resilience Forum at St Anne's college. Dr Jerry Olsson from the University of Gothenberg visited for two weeks in November to work on the development of automobility in the rural Philippines. Dr Susanne Nordbakke from the Institute of Transport Economics visited for three weeks to work on a paper within the COMMUTE project.

Dr John Black from Institute of Environmental Studies, Australia began his eight week stay at TSU in January, he will be working with TSU's new D.Phil's. Neil Lopez from De La Salle University in Manila, Philippines is visiting until March to work on the development of a transport desirability index as part of the Sustainable Cities and Resilient project, funded by the British Council's Newton Fund.

UKERC call for action on UK energy during this Parliament

UKERC have published a review of UK Energy Policy ahead of the Autumn Statement and the forthcoming Industrial Strategy and Emissions Reductions Plan. The review, co-authored by Dr Christian Brand, makes a number of evidence-based recommendations to policymakers, and calls for urgent action during this Parliament on a number of key areas.

Franco-British Symposium on Intelligent Transport Systems

On the 4th October Dr Tim Schwanen gave a talk at the Franco-British Symposium on Intelligent Transport Systems at the French Embassy in London on the subject of autonomous vehicles. The audience included stakeholders from academia, industry

and policy makers.

London events

In December recognised student Peilin Li from Peking University attended a workshop at the University of Westminster, sponsored by the Newton Fund. He presented his research framework on new town land use and mobility under two different institutions in China and U.K. Peilin was also invited to talk at the University College London on his latest research on transportation emission and policy impact in China. As part of his research interest, Peilin also visited community planning in the Queen Elizabeth Olympic Park and Welwyn Garden City under the direction of Dr Duncan Bowie, University of Westminster.

Dr Debbie Hopkin's latest book is now available

Hopkins, D. & Higham, J.E.S [Eds] (2016) *Low Carbon Mobility Transitions*, Good Fellow Publishers, Oxford, UK. ISBN: 978-1-910158-64-7 hbk; 978-1-91-158-65-4 eBook

Presented in three sections, people and place, structures in transition, and industry and innovation, *Low Carbon Mobility Transitions* presents twenty-one theoretically-informed and empirical chapters and case studies that comprehensively address the prospects for global and regional transitions to low-carbon mobility. Bringing together the work of leading researchers from 26 universities, research centres and consultancies, spanning six continents, it critically explores the wide-ranging and diverse regional contexts in which a low-carbon transition has, is being, or can be achieved. In doing so, it highlights the place-specific, geopolitical and cultural sensitivities of low-carbon transitions at national, regional and local (urban) scales. The mutually-informing and overlapping roles of technological innovation, behaviour change and policy frameworks are critically examined in this book, providing timely insights into the prospects for the low-carbon mobility transitions that the Paris Climate Agreement demands.

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