Rico Krueger

PhD candidate

University of New South Wales
School of Civil & Environmental Engineering
Sydney, NSW 2052

Email: r.krueger@student.unsw.edu.au
Homepage: https://ricokrueger.github.io

Education

Doctor of Philosophy in Civil and Environmental Engineering, *University of New South Wales*, Sydney, Australia, 03/2016–2019 (expected).

Master of Science in Industrial Engineering and Management, *Technische Universität Berlin*, Berlin, Germany, 10/2013–02/2016.

Bachelor of Science in Industrial Engineering and Management, *Technische Universität Berlin*, Berlin, Germany, 10/2010–07/2013.

Teaching experience

Demonstrator at the University of New South Wales

S1, 2018: *Transport Systems Part 1: Network Analysis* (postgraduate and PhD level).

S2, 2016: *Engineering Infrastructure Systems* (undergraduate level).

Research assistantships

Student research assistant, Research Centre for Integrated Transport Innovation, University of New South Wales, Sydney, Australia, 03/2017–current.

Student research assistant, Research Centre for Integrated Transport Innovation, University of New South Wales, Sydney, Australia, 01/2015–05/2015.

Student research assistant, Workgroup for Infrastructure Policy, Technische Universität Berlin, Berlin, Germany, 03/2013–08/2014.

Scholarships

Tuition Fee Scholarship and living allowance, granted by the University of New South Wales to support doctoral research, 2016–2020.

PROMOS scholarship of the German Academic Exchange Service (DAAD) for the support of a master thesis at the University of New South Wales (Sydney, Australia), 2015.

Study abroad scholarship of the Technische Universität Berlin for two exchange semesters (coursework) at the University of New South Wales (Sydney, Australia), 2014.

24th Congress Bundestag Youth Exchange Program (formerly Fulbright), 2007–2008.

Publications

Journal articles, refereed

J3 A Vij, **R Krueger** (2017): Random taste heterogeneity in discrete choice models: Flexible nonparametric finite mixture distributions.*Transportation Research Part B: Methodological*, 106, 76–101.

J2 **R Krueger**, A Vij, TH Rashidi (2016): Normative beliefs and modality styles: a latent class and latent variable model of travel behaviour. *Transportation*, 1–37.

J1 **R Krueger**, TH Rashidi, JM Rose (2016): Preferences for shared autonomous vehicles. *Transportation Research Part C: Emerging Technologies*, 69, 343–355.

Conference presentations

C8 **R Krueger**, A Vij, TH Rashidi (2018, forthcoming): A Dirichlet Process Mixture Model of Discrete Choice with an Application to Route Choice Preferences. *15th International Conference on Travel Behaviour Research*, Santa Barbara, USA.

C7 **R Krueger**, A Vij, TH Rashidi (2018): A Dirichlet Process Mixture Model of Discrete Choice. *Transportation Research Board 97th Annual Meeting*, Washington DC, USA.

C6 **R Krueger**, TH Rashidi (2018): What Makes You Cycle this Far? An Analysis of Mandatory Bicycle Tour Distances. *Transportation Research Board 97th Annual Meeting*, Washington DC, USA.

C5 **R Krueger**, TH Rashidi, VV Dixit (2017): Will Driverless Cars Induce Urban Sprawl? Experimental Design of a Stated Choice Study. *11th International Conference on Transport Survey Methods*, Montreal, Canada.

C4 **R Krueger**, TH Rashidi, A Vij (2017): Goal-Directed Transport Mode Use: A Structural Equation Modelling Perspective. *International Choice Modelling Conference*, Cape Town, South Africa.

C3 VV Dixit, **R Krueger**, TH Rashidi, N Saxena (2017): Subjective Beliefs about the Willingness to Pay for Travel Time Savings. *International Choice Modelling Conference*, Cape Town, South Africa.

C2 **R Krueger**, TH Rashidi, JM Rose (2016): Adoption of Shared Autonomous Vehicles ? A Hybrid Choice Modelling Approach based on a Stated Choice Survey. *Transportation Research Board 95th Annual Meeting, Washington DC*, USA.

C1 **R Krueger**, TH Rashidi, JM Rose (2015): Identifying Potential Users of Smart Urban Mobility Services: Adoption of Shared Autonomous Vehicles ? A Hybrid Choice Modelling Approach based on a Stated Choice Survey. *Workshop on Smart Urban Mobility*, hosted by Edinburgh Napier University, UK.

Journal articles, edited

JE1 F Sehlleier, J Nagel, **R Krueger** (2016): Energy-efficient two-wheelers in Southeast Asia, *International Transportation*, 68, 1, 12–15.

Professional activities

Journal refereeing

IATSS Research (1), Public Transport (1), Transportation Letters (1), Transportation Research Part A (6), Transportation Research Part C (9), Transportation Research Part E (2).

Industry experience

Intern, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (German Corporation for International Cooperation), Bangkok, Thailand, 06/2015–10/2016.

Working student, Stadler Rail AG, Berlin, Germany, 03/2012–12/2012.

Intern, Manfred Narr GmbH, Berlin, Germany, 08/2010–10/2010.

Computer and language skills

R, MATLAB, Stan, Python Biogeme.

English (Full professional proficiency; TOEFL score 111 of 120), German (native proficiency), French (limited working proficiency).

Last updated: June 15, 2018
https://ricokrueger.github.io/cv_rico_krueger.pdf