
Personal details

Name Rico Krüger (Krueger)
Date of birth 31/08/1990
Place of birth Berlin, Germany
Nationality German

Education

- 03/2016–2019 (expected) **Doctor of Philosophy in Civil and Environmental Engineering**, *University of New South Wales*, Sydney, Australia.
- Specialising in Transport Engineering
 - Thesis topic: “Bayesian Non-Parametric Models of Discrete Choice for the Analysis and Forecasting of Travel Demand”
 - Supervisor: Taha H. Rashidi; co-supervisors: Akshay Vij (University of South Australia), S. Travis Waller
 - Recipient of Tuition Fee Scholarship and living allowance
- 10/2013–02/2016 **Master of Science in Industrial Engineering and Management**, *Technische Universität Berlin*, Berlin, Germany.
- Specialised in infrastructure economics, transport planning and modelling
- 01/2015–05/2015 **Master thesis project**, *University of New South Wales*, Sydney, Australia.
- Thesis title: “Adoption of Shared Autonomous Vehicle Services – A Hybrid Choice Modelling Approach Based on a Stated Choice Survey”
 - Visited the Research Centre for Integrated Transport Innovation at the University of New South Wales (Sydney, Australia) for the entire duration of the project
 - Co-supervised by the Workgroup for Infrastructure Policy at the Technische Universität Berlin
 - Supported by PROMOS scholarship of the German Academic Exchange Service (DAAD)
- 03/2014–11/2014 **Student exchange**, *University of New South Wales*, Sydney, Australia.
- Two exchange semesters as part of master’s program at the Technische Universität Berlin
 - Postgraduate coursework in econometrics, industrial organisation, sustainable infrastructure and transport engineering
- 10/2010–07/2013 **Bachelor of Science in Industrial Engineering and Management**, *Technische Universität Berlin*, Berlin, Germany.
- Specialised in infrastructure economics, finance and investment theory, transportation and mechanical engineering

Research assistantships

- 03/2017–current **Student research assistant**, *Research Centre for Integrated Transport Innovation, University of New South Wales, Sydney, Australia.*
- Travel behaviour research in a research project about the implications of socio-technical change on time-use and multi-tasking preferences.
 - In collaboration with Argonne National Laboratory (Chicago, USA)
- 01/2015–05/2015 **Student research assistant**, *Research Centre for Integrated Transport Innovation, University of New South Wales, Sydney, Australia.*
- Applied transportation research using transport econometrics, statistics and psychology in a research project about the impacts of autonomous vehicles on personal travel behaviour
- 03/2013–08/2014 **Student research assistant**, *Workgroup for Infrastructure Policy, Technische Universität Berlin, Berlin, Germany.*
- Independent literature and online research for the Research Group for Infrastructure Economics and Management in the fields of macro logistics, e-mobility/charging infrastructure
 - Applied economic research employing new institutional economics, industrial organisation and welfare economics
 - Administrative tasks

Teaching experience

- 07/2016–10/2016 **Tutor**, *University of New South Wales, Sydney, Australia.*
- ENGG 1400 Engineering Infrastructure Systems

Professional experience

- 06/2015–10/2016 **Intern**, *Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (German Corporation for International Cooperation), Bangkok, Thailand.*
- Internship in the project “Energy Efficiency and Climate Mitigation in the Land Transport Sector in the ASEAN Region”
 - Policy advisory services regarding energy-efficiency in the land transport sector including passenger and freight transportation
 - Transport planning in a Southeast Asian context
 - Preparation and implementation of Nationally Appropriate Mitigation Actions in the transportation sector
 - Coordination of project activities in the ASEAN region
 - Data research and organisation, report writing
- 03/2012–12/2012 **Working student**, *Stadler Rail AG, Berlin, Germany.*
- Working student in the department of requirements engineering for light rail vehicles
 - Support of the technical tendering process
 - Wrote vehicle concepts in English and German
 - Optimisation and development of MS Excel based calculation tools
 - Data research and organisation
- 08/2010–10/2010 **Technical intern**, *Manfred Narr GmbH, Berlin, Germany.*

Scholarships

- 2016–2020 Tuition Fee Scholarship and living allowance, granted by the University of New South Wales to support doctoral research
- 2015 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)
- 2014 Study abroad scholarship of the Technische Universität Berlin
- 2007/2008 24th Congress Bundestag Youth Exchange Program (formerly Fulbright)

Reviewing activities

- Journals
 - Transportation Letters
 - Transportation Research Part A
 - Transportation Research Part C
 - Transportation Research Part E

Publications and conference presentations

Journal publications, refereed

1. Krueger, R., Vij, A., Rashidi, T. H. (2016), Normative beliefs and modality styles: a latent class and latent variable model of travel behaviour, *Transportation*, published online 28 November 2016.
2. Krueger, R., Rashidi, T. H. and Rose, J. M. (2016), Preferences for Shared Autonomous Vehicles, *Transportation Research Part C: Emerging Technologies*, Vol. 69, pp. 343-355.

Journal publications, edited

1. Sehleier, F., Nagel, J., Krueger, R., (2016), Energy-efficient two-wheelers in Southeast Asia, *International Transportation*, Vol. 68 (1), pp. 12-15.

Conference presentations, refereed

1. Krueger, R., Rashidi, T.H., Dixit, V. V. (2017, forthcoming), Will Driverless Cars Induce Urban Sprawl? Experimental Design of a Stated Choice Study, 11th International Conference on Transport Survey Methods, Montreal, Canada
2. Krueger, R., Rashidi, T.H., Vij, A. (2017), Goal-Directed Transport Mode Use: A Structural Equation Modelling Perspective, International Choice Modelling Conference, Cape Town, South Africa.
3. Dixit, V. V., Krueger, R., Rashidi, T. H., Saxena, N. (2017), Subjective Beliefs about the Willingness to Pay for Travel Time Savings, International Choice Modelling Conference, Cape Town, South Africa.
4. Krueger, R., Rashidi, T. H. and Rose, J. M. (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.

Conference presentations, edited

1. Krueger, R., Rashidi, T. H. and Rose, J. M. (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.

Languages

English Full professional proficiency; TOEFL score 111 of 120
German Native proficiency
French Limited working proficiency

Software and programming

R, MATLAB, Stan, Python Biogeme