

PERSONAL INFORMATION


Tadej Brezina



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[Publikationen \(TU Wien\)](#)
[Publikationen \(ResearchGate\)](#)

Year of birth 1976 | Nationality Austria & Slovenia

WORK EXPERIENCE

04/2017 - Present

Research and teaching assistant (Projektassistent)

Research Center of Transport Planning and Traffic Engineering, Institute of Transportation, Faculty of Civil Engineering, TU Wien (Austria)

- Organizer of two lecture series on Active mobility and Public transport; Organizer of student field trips
- Research in: Parking policy, Bicycle sharing systems, Public transport commuters, etc.

04/2013 – 03/2017

Teaching assistant (Universitätsassistent)

Research Center of Transport Planning and Traffic Engineering, Institute of Transportation, Faculty of Civil Engineering, TU Wien (Austria)

- Organizer of two lecture series on “Active mobility – walking and cycling in the city” and “Public transport”; Organizer of student field trips; Co-adviser of the base course “Transport planning”
- Research in: Parking policy, Bicycle sharing systems, Public transport operations, etc.

02/2002 – 03/2013

Research and teaching assistant (Projektassistent)

Research Center (Institute) of Transport Planning and Traffic Engineering, Institute of Transportation, Faculty of Civil Engineering, TU Wien (Austria)

- Organizer of lecture series Cycling in the city; Organizer of student field trips
- Research in: Parking policy, Bicycle sharing systems, Public transport operations, etc.

08 – 09/2001

Technical designer

Planungsgemeinschaft Straße Verkehr Umwelt, Wien (Austria)

- Design of sign-posting systems

04/2000 – 01/2002

Planning document registrar

Austrian High Capacity Railways Co. (HL-AG), Wien (Austria)

- Registry of planning documents and hierarchies for Lainzer Tunnel railroad project

12/1999 – 03/2000

CAD expert

Bank Austria Konzernflächenmanagement, Wien (Austria)

- Merger of facility plans under one system

EDUCATION AND TRAINING

10/1995 – 04/2004

Civil Engineering

TU Wien (Austria)
 ▪ Infrastructure, Transportation, Ecology

09/1990 – 06/1995 **Civil Engineering**
 HTBLuVA Mödling, Higher Department of Civil Engineering (Austria)

PERSONAL SKILLS

Mother tongue(s) German & Slovene

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Digital skills ▪ MS Office, Mathematica, Lotus Approach, Corel Draw, Corel Photopaint, Stella, SPSS, ArcGIS, Endnote, Derive, Curve Expert, SPSS, R (Beginner)

ADDITIONAL INFORMATION

Reviewer for (since) ▪ Proceedings of the ICE – Municipal Engineer (2014)
 ▪ Proceedings of the ICE – Engineering Sustainability (2014)
 ▪ Promet – Traffic & Transportation (2015)
 ▪ Heliyon (2019)
 ▪ Journal of Rail Transport and Management (2019)

Session chair (selection) ▪ Session 5.2 „Sustainable Cities II“ at the EURA 2012 Conference, Vienna
 ▪ 2 Sessions at the Velo-city 2013 Conference, Vienna
 ▪ Radverkehrs-Session at the CETRA 2014 Conference, Split
 ▪ Session 6 „Sustainable transport“ at the ICTTE 2016 Conference, Belgrade
 ▪ Session „Case studies on mobility II“ at the Real CORP 2017 Conference, Vienna

Teaching activities (selection) ▪ Co-Supervision of Diploma/Masters theses (ca. 15 until 01/2019).
 ▪ Co-Supervision of Bachelor theses (ca. 30 until 01/2019).
 ▪ (Co-)Organisation of transport planning field trip, TU Wien, in 2009 (Schweiz), 2010 (Brüssel; Österreichische Regionalbahnen), 2011 (Sofia & Bucuresti), 2012 (St. Petersburg), 2013 (Ex-Jugoslawien), 2014 (Oberrhein), 2015 (Österreich), 2018 (Niederlande und BRD) and 2019 (Iran, with M.S. Aminian) with G. Emberger.
 ▪ (Co-)Organisation of lecture series „Cycling in the city“ at TU Wien in 2013 and 2014 (with J.M. Schopf and P. Pfaffenbichler).
 ▪ (Co-)Organisation of lecture series „Active mobility – cycling and walking in the city“ at TU Wien in 2015, 2016, 2017 (with J.M. Schopf, P. Pfaffenbichler and H. Frey), 2018, 2019 (with B. Laa and F. Sandholzer).
 ▪ (Co-)Organisation of lecture series „Public transport“ at TU Wien in 2016 (with G. Emberger, J. Kehrer, B. Schmieder, M. Ostermann), 2017 (with G. Emberger, J. Kehrer, B. Schmieder, M. Ostermann, K. Seltenhammer) and 2018 (with G. Emberger, B. Schmieder, M. Ostermann und B. Schmutz).

Journal articles (selection) ▪ C. Raffler, T. Brezina, G. Emberger: "Cycling investment expedience: Energy expenditure based Cost-Path Analysis of national census bicycle commuting data"; Transportation Research Part A: Policy and Practice, Vol. 121 (2019), S. 360 - 373.
 ▪ T. Brezina, B. Abramović, T. Shibayama, S. Jelisić, D. Sipus, B. Zlokapa: "Barriers to trans-national passenger rail services in the Western Balkans -The quantitative background"; International Conference on Traffic and Transport Engineering, Belgrade, in: "Conference Proceedings", (2018), S. 717 - 724.

- T. Brezina, A. Graser, U. Leth: "Geometric methods for estimating representative sidewalk widths applied to Vienna's streetscape surfaces database"; *Journal of Geographical Systems*, Volume 19 (2017), Issue 2; S. 157 - 174.
- P. Pfaffenbichler, T. Brezina: "Estimating bicycle parking demand with limited data availability"; *Proceedings of the Institution of Civil Engineers - Engineering Sustainability*, Vol. 169 (2016), Issue 2; S. 76 - 84.
- H. Pilko, K. Tepes, T. Brezina: "Policy and Programs for Cycling in the City of Zagreb - A Critical Review"; *Promet-Traffic & Transportation*, Vol. 27 (2015), No. 5; S. 405 - 415.
- T. Brezina, J.M. Schopf, D. Moncholí y Badillo: "Public Transit Service-Opportunities in Commuter-Belt Municipalities - A Systemic Analysis of Two Districts in the Vienna Region"; *Promet-Traffic & Transportation*, Vol. 27 (2015), No. 3; S. 247 - 255.
- T. Brezina, H. Knoflacher: "Railway trip speeds and areal coverage. The emperor's new clothes of effectivity?"; *Journal of Transport Geography*, Volume 39 (2014), July 2014; S. 121 - 130.
- T. Brezina, G. Emberger, W. Rollinger: "Vom Beschwerde- zum Anregungsmanagement im Österreichischen öffentlichen Verkehr"; *Österreichische Zeitschrift für Verkehrswissenschaft (ÖZV)*, 59. Jg. (2012), 1-2; S. 10 - 15.
- H. Frey, U. Leth, A. Mayerthaler, T. Brezina: "Predicted congestions never occur. On the gap between transport modelling and human behaviour"; *Transport Problems*, Volume 6 (2011), Issue 1; S. 73 - 86.
- T. Brezina, N. Ibesich, H. Frey: "Time Bandits, oder: Zum Umgang mit der Zeit im Verkehr"; *Österreichische Zeitschrift für Verkehrswissenschaft (ÖZV)*, 57. Jg. (2010), 4; S. 13 - 23.
- T. Brezina: "The impact of technology on growth: Studies of agriculture and steel"; *Technology in Society*, Volume 32 (2010), 4; S. 312 - 323.
- T. Brezina, B. Lokar: "(K)eine Straßenbahn für Ljubljana. Perspektiven des schienengebundenen Stadtverkehrs in der slowenischen Hauptstadt"; *Der Nahverkehr. Öffentlicher Personenverkehr in Stadt und Region*, 27. Jg. (2009), 6; S. 66 - 70.

Books and book chapters (selection)

- U. Leth, T. Shibayama, T. Brezina: "Competition or Supplement? Tracing the Relationship of Public Transport and Bike-Sharing in Vienna"; *GI_Forum - Journal for Geographic Information Science*, Volume 2 (2017), ISBN: 978-3-7001-8251-1; 15 S.
- T. Brezina, J.M. Schopf: "From Regional Austrian Parking Ordinances to Sound Guidelines"; in: "Engineering Tools and Solutions for Sustainable Transportation Planning", H. Knoflacher, E. Öcalir-Akünel (Hrg.); IGI Global, Hershey/USA, 2017, ISBN: 9781522521167, S. 177 - 203.
- T. Brezina, A. Castro Fernández: "Cycling Related Mental Barriers in Decision Makers: The Austrian Context"; in: "Engineering Tools and Solutions for Sustainable Transportation Planning", H. Knoflacher, E. Öcalir-Akünel (Hrg.); IGI Global, Hershey/USA, 2017, ISBN: 9781522521167, S. 58 - 75.
- T. Brezina: "Radfahren in der Stadt - die zweite Saison"; in: "Ringvorlesung SS 2014: Radfahren in der Stadt. Beiträge zu einer ökologisch und sozial verträglichen Verkehrsplanung 1/2015", H. Zukal, T. Brezina (Hrg.); Institut für Verkehrswissenschaften - Forschungsbereich für Verkehrsplanung und Verkehrstechnik, Technische Universität Wien, 2015, ISBN: 978-3-9503375-3-2, S. 5 - 8.
- T. Brezina, G. Emberger et al.: "Handbuch Öffentlicher Verkehr. Schwerpunkt Österreich."; Bohmann Verlag, Wien, 2009, ISBN: 978-3-901983-91-7; 302 S.
- T. Brezina: "Technologiebedingte Ursachen des Wachstums. Empirische Zusammenhänge und Befunde"; in: "Technologie und Kapitalismus", H. Knoflacher, A. Rosik-Kölbl, K. Woltron (Hrg.); Peter Lang, Frankfurt am Main, 2008, ISBN: 978-3-631-57161-3, S. 113 - 134.
- T. Brezina: "Light Rail Systems Design. A Human Planning Criteria Centered Approach - Applied to the City of Ljubljana"; VDM Verlag Dr. Müller, Saarbrücken, 2008, ISBN: 978-3836488624; 180 S.

Lectures and talks (selection)

- T. Brezina: "Primeri dobrih praks"; Talk: Smart Commuting, Primorska gospodarska zbornica, Koper/SLO; 29.11.2018.
- T. Brezina, B. Abramović, T. Shibayama, S. Jelisić, D. Sipus, B. Zlokapa: "Barriers to trans-national passenger rail services in the Western Balkans -The quantitative background"; Talk: International Conference on Traffic and Transport Engineering (ICTTE), Belgrade/SRB; 27.-28.09.2018.
- M. Toljic, T. Brezina, G. Emberger: "The influence of surface roughness on cyclists' velocity choices"; Poster: International Cycling Conference 2017, Mannheim/D (eingeladen); 19.-21.09.2017.
- T. Brezina: "Nactovanje razvoja primestne železnice kot hrbtnice vecmodalne transportne verige"; Talk: Vlak in kolo - alternativa avtomobilu na vsakdanjih in turistinih poteh, Borovnica/SLO (eingeladen); 11.05.2016.