

PERSONAL INFORMATION


Takeru Shibayama



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

Year of birth 1983 | Nationality Japan

WORK EXPERIENCE

07/2011 - Present

Project Assistant

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

- Project management
- Diverse research activities in the field of transport and mobility
- International research projects
- Supervision and advisory of graduation works and guest students
- Teaching
- Scientific advisor for international cooperation projects
- Re-training of experts through lectures and workshops
- Organization and participation in international research exchanges
- IT manager of the research center

09/2018 – Present

External Lecturer

University of Applied Science Campus Wien (Austria)

- University lectures for students in the field of public transport and urban freight

2005 – 2007

IT Engineer

Altovision Inc., Tokyo (Japan) – now known as Experian Japan after acquisition

- System engineer using Linux, Apache, MySQL and PHP

2004 – 2007

Teacher and Tutor

TOMAS supplementary school, Kokubunji, Tokyo (Japan)

- teaching and tutoring English, mathematics, chemistry, physics, and geography for junior-high and high school students

EDUCATION AND TRAINING

04/2009 – 02/2021

Doctoral Study in Technical Science

Faculty of Civil Engineering, Vienna University of Technology, Austria, with Austrian-Japanese national scholarship granted (October 2009 – June 2011).

- Transport planning, transport policy, transport governance
- Organisation of public transport

- 04/2007 – 03/2009 **Master Study of Civil Engineering**
 Department of Civil Engineering, Faculty of Engineering, University of Tokyo, Japan

 - Particular focus on policy-making and planning

- 10/2007 – 11/2008 **Joint Study Program Exchange**
 Institute for Transport Planning and Traffic Engineering, Vienna University of Technology, Austria

 - Focus on sustainable transport planning
 - Exchange study through a bilateral agreement between Vienna University of Technology and the University of Tokyo, scholarship granted.

- 04/2005 – 03/2007 **Bachelor Study of Civil Engineering**
 Department of Civil Engineering, School of Engineering, University of Tokyo, Japan

 - Particular focus on policy-making and planning

- 04/2003 – 03/2005 **University Foundation Courses for Bachelor Students**
 School of Arts and Sciences, University of Tokyo, Japan

 - Mandatory foundation courses for all bachelor students at the University of Tokyo
 - General subjects ranging from mathematics to philosophy

PERSONAL SKILLS

Mother tongue(s) Japanese

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	C2	C2	C1	C1	C1

- Digital skills**
- Network administration & Windows domain (AD)
 - Administration of Linux-based servers (mail, web) on Debian, CentOS
 - Programming languages: PHP, Python, Java, JavaScript incl. Ajax architectures (e.g. jQuery), Microsoft Visual Basic, C++, HTML/CSS
 - Relational Database & Data manipulation (SQL)
 - Specific software: SPSS & SPSS Syntax, QGIS, Vensim, Wordpress, drawing software (Adobe Illustrator, Corel Draw)
 - Extensive knowledge on office software (MS Office, Adobe Acrobat)
 - Operating system: MS-DOS, Windows, Mac OS, Diverse UNIX distributions
 - General knowledge on hardware assembly on PCs

ADDITIONAL INFORMATION

Honours and awards

- **Best Paper Award for Institutional Innovation** awarded for “MOLTS: Multinational Operators for Local Transport Services” by Takeru Shibayama and Hitoshi Ieda at 8th Eastern Asian Society of Transportation Studies Conference, 16.11.2009-19.11.2009, Surabaya, Indonesia. Best Paper Awards were presented to nine best papers out of approx. six hundred conference proceedings.
- **Furuichi Kimitake Prize**: Prize for **top 10 excellent master theses** of the year out of approx. 60 awarded by the Department of Civil Engineering, University of Tokyo. Awarded for master thesis “Why Do “MOLTS” Expand around the Globe? - MOLTS: Multinational Operators for Local Transport Services and “Industrial Complex””, Date of Award: 23 Mar 2009
- **Tanabe Sakuro Prize**: Prize for **top 10 excellent bachelor projects** of the year out of approx. 60 awarded by the Department of Civil Engineering, University of Tokyo. Awarded for bachelor project “Globalization of Local Public Transport Providers”, Date of Award: 23 Mar 2007
- **Nomination for entrance-exam exemption** for Master Study of Civil Engineering at the University of Tokyo: **top 15% bachelor student** nominated to this exemption.

Research record - activities

- Works in more than 20 **national and international research projects**
- Author of more than 20 **scientific and engineering articles**
- Main **editor** of one book; co-author of one book.
- Research and expert training on **sustainable urban and national mobility planning**
- Research onto **travel behaviour survey and data collection methodology**
- Data manipulation
- **Organization and business model in public transport**
- **Historical research** onto urban public space using visual materials
- Diverse **lectures** for expert audiences focusing on urban mobility (in Japan, Austria, Belgium, Spain, Czech Republic, Slovakia, etc., c.a. 60 lectures in total)
- Organization of field trips for students

Memberships

- **WCTRS: World Conference on Transport Research Society**, Membership since 2010, Co-chair of Special Interest Group 2 (National and Regional Transport Planning and Policy)
- **EASTS: Eastern Asian Society for Transportation Studies**, Membership (Japan) since 2009
- **JSCE: Japan Society of Civil Engineers**, Membership since 2008, Membership since 2008
- **Japan Society of Transport Economics**, Invited as a member since 2021

Publications - books and book chapters

- P. Jittrapirom, G. Emberger, T. Brezina, T. Shibayama: "Chiang Mai City Mobility and Transport Survey (CM-MTS) 2012"; in Series "Beiträge zu einer ökologisch und sozial verträglichen Verkehrsplanung 1/2013", Editor: H. Zuka; Institut für Transportation – Research Center for Transport Planning and Traffic Engineering, Vienna University of Technology, Vienna, 2013, ISBN: 978-3-9503375-1-8, 122 pages.
- T. Shibayama, Y. Hara, K. Tamura, M. Isobe (Eds) (as Kankyo-Sanshiro Project): "Eko Bū mu-o Tou - Toudaisei to Manabu Kankyogaku ("Aren't we in Eco-Boom? - Students at the University of Tokyo worked on the Environment Issues")"; Gakugei Publishing, Kyoto/Japan, 2005, ISBN: 978-4761523633; 255 pages.

Publications - journals

- T. Shibayama, F. Sandholzer, B. Laa, T. Brezina: "Impact of COVID-19 lockdown on commuting: a multi-country perspective"; European Journal of Transport and Infrastructure Research, Vol. 21 (2021), No. 1; S. 70 - 93.
- T. Shibayama: "Competence distribution and policy implementation efficiency towards sustainable urban transport: A comparative study"; Research in Transportation Economics, Vol. 83 (2020), Special Issue: Thredbo 16 conference; S. 1 - 20.

- T. Shibayama, G. Emberger: "New mobility services: Taxonomy, innovation and the role of ICTs"; *Transport Policy*, Volume 98 (2020), Special Issue; S. 79 - 90.
- C. Gruber, K. Raminger, T. Shibayama, M. Winder: "On the Vienna Corso: Changing street use and street design around the Vienna State Opera House 1860-1949"; *The Journal of Transport History*, Vol. 39 (2018), Issue 3; pp. 292 - 315.
- 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 pages.
- T. Shibayama: "Japan's transport planning at national level, natural disasters, and their interplays"; *European Transport Research Review*, Volume 9 (2017), 44; pp. 1 - 18.
- T. Shibayama, T. Brezina: "Geschäftsmodelle multinationaler Verkehrsunternehmen im ÖPNV. Status quo und Hintergründe der Tätigkeit sogenannter MOLTS"; *Der Nahverkehr. Öffentlicher Personenverkehr in Stadt und Region*, 28.Jg. (2010), 11; pp. 17 - 23.
- T. Shibayama, H. Ieda: "MOLTS: Multinational Operators for Local Transport Services"; *Asian Transport Studies*, Vol. 1 (2011), No. 3; pp. 234 - 249.
- [Full list available in the publication database of Vienna University of Technology](#)