

CURRICULUM VITAE

PROF. DR.-ING. DR. TECHN. H.C. KAY W. AXHAUSEN, M.S.

PERSONAL DETAILS:

Gender:	Male	Marital status:	Single
Date of birth:	October 8 th 1958	Citizenship:	Swiss/German
Languages:	German and English		
ORCID:	0000-0003-3331-1318	Google Scholar ID:	GetqmkkAAAAJ

EMPLOYMENT EXPERIENCE:

Full Professor (Transport Planning - Verkehrsplanung), Institut für Verkehrsplanung und Transportsysteme (IVT)¹, Eidgenössische Technische Hochschule, Zürich, 1999-2024

Full Professor (Road Transport - Straßenwesen), Leopold-Franzens-Universität, Institut für Straßenbau und Verkehrsplanung, Innsbruck, 1995-1999

Lecturer and **Senior Lecturer**, Imperial College of Science, Technology and Medicine, Department of Civil Engineering, Centre for Transport Studies, London, 1991-1994

Research and **Senior Research Officer**, University of Oxford, Transport Studies Unit, Oxford, 1989-1991

Research Officer, Universität (TH) Karlsruhe, Institut für Verkehrswesen, 1984-1989

Research Assistant, Universität (TH) Karlsruhe and University of Wisconsin, 1979-1984

HIGHER EDUCATION:

Doktor-Ingenieur, Universität (TH) Karlsruhe, Summa cum laude, November 1988

M.S., Civil and Environmental Engineering, University of Wisconsin - Madison, June 1984

Vordiplom, Civil Engineering (Equivalent to B.Sc.), Universität (TH) Karlsruhe, July 1980

Abitur, Tulla Gymnasium, Mannheim, May 1977

HONOURS:

2024	IATBR Lifetime achievement award , IATBR
2023	Honorary chair , BIVEC-GIBET, Benelux
2020-2022	Visiting Professor , Department of Geography, Hong Kong University
2020	Doctor technicas honoris causa , Danish Technical University, Lyngby
2016	Distinguished Transport Lecture , Hong Kong University
2015	Visiting Professor , IDEC, University of Hiroshima, Higashi-Hiroshima
2009-2016	Fellow of the Collegium Helveticum , Zürich
1996	Max-Erich-Feuchtinger-and-Bruno-Wehner-Medal , Max-Erich-Feuchtinger und Bruno-Wehner-Stiftung, Forschungsgesellschaft für das Straßen- und Verkehrswesen, Köln.
1990	Stinnes Foundation Prize for research in transport and distribution, 1990
1987-1988	Research Scholarship of the Gottfried Daimler - und Karl Benz - Stiftung (Transport Studies Unit, University of Oxford)
1983-1984	Rotary Scholarship for the academic year at the University of Wisconsin
1982-1983	Scholarship of the Engineering Exchange Program of the University of Wisconsin for the academic year

¹ Until October 2002 Institut für Verkehrsplanung, Transporttechnik, Strassen- und Eisenbahnbau

- 1982 **Prize** of the Jubiläums - Staatsstiftung of the state of Baden – Württemberg
1981-1983 **Scholarship** of the Studienstiftung des Deutschen Volkes

TEACHING:

Whole course (but for sabbatical breaks):

- 2016-2021 Readings in Transport Policy (MSc SD&IS, ETH Zürich)
2007-2020 Measurement and Modelling (MSc SD&IS, ETH Zürich)
2006-2023 Transport Planning Methods (MSc SD&IS, ETH Zürich)
2004-2023 Transport Planning (BSc, ETH Züri
2007-2014 Planning concepts (MSc SD&IS, ETH Zürich, 2007-2014)
- 1995-1999 Introduction to Transport Studies (Diplom, Universität Innsbruck)
1995-1999 Traffic Engineering and Planning (Diplom, Universität Innsbruck)
1997-1999 Statistics for Transport (Diplom, Universität Innsbruck)
1996-1999 Transport Project Evaluation (Diplom, Universität Innsbruck)
1997-1999 Readings in Transport Policy (Diplom, Universität Innsbruck)
1996-1999 Seminar in Transport Planning (Diplom, Universität Innsbruck)
- 1991-1994 Transport Engineering (BEng, Imperial College London)

Contributions to joint courses:

- 2015-2017 Introduction to Economic Policy - A Case Study Approach with Cost Benefit Analysis in
 Transport (MSc SD&IS, MSc ISTP, ETH Zürich)
2017-2023 Basics of RE&IS (Msc SD&IS)
2012-2022 Discrete choice models and data (DAS Traffic engineering)
2021-2023 Measurement and Modelling (MSc SD&IS, ETH Zürich)
2022-2023 Readings in Transport Policy (MSc SD&IS, ETH Zürich)
2011-2022 Transport planning (DAS Traffic engineering)
2009-2023 Transport systems (MSc SD&IS, ETH Zürich)
2001-2023 Transport planning (Post-graduate course in Regional Planning, ETH Zürich)
2006-2008 Traffic Engineering for Urban Planners (MSc, ETH Zürich)
2012-2014 Engineering and planning of walking and cycling (MSc SD&IS, ETH Zürich)
2013 3-Week Summer school “Urban and network Grammars” (FCL, Singapore)
- 1992-1994 Transport Modelling in Time and Space (Joint MSc, Imperial College London)
1992-1994 Information Technology in Transport (Joint MSc, Imperial College London)
1992-1994 Quantitative Methods (Joint MSc, Imperial College London)

Supervisor or examiner of doctoral students (see list below)

ACADEMIC ADMINISTRATION: ORGANISATION

- 2009-2023 **Director**, IVT, ETH Zürich
2006-2009 Deputy director, IVT, ETH Zürich
2001-2005 **Director**, IVT, ETH Zürich
1999-2001 Deputy Director, IVT, ETH Zürich
- 2011-2023 **Course director**, DAS Traffic Engineering, ETH Zürich
- 2021-2023 **Director**, Centre for Sustainable Future Mobily (CSFM), ETH Zürich
- 2021-2023 Member, Network City and Landscape, ETH Zürich
2019-2021 **Chair**, Network City and Landscape, ETH Zürich
2017-2019 Deputy chair, Netzwerk Stadt und Landschaft, ETH Zürich
2002-2009 Deputy chair, Netzwerk Stadt und Landschaft, ETH Zürich
- 2000-2001 Member, Advisory Board on the Reorganisation of the ORL Institut, ETH Zürich
- 1998 Arbeitsgruppe „Forschung“ of the UOG 93-Implementierungsprojekt, Leopold-Franzens-Universität, Innsbruck
1996-1999 Lehrauftragskommission, Department of Architecture and Civil Engineering, Leopold-Franzens-Universität, Innsbruck
- 1992-1994 Deputy Director, University of London Centre for Transport Studies, London
1992-1994 **Chair**, Parking and Traffic Committee, Imperial College, 1992-1994
- 1987-1989 Departmental board, Department of Civil Engineering, Universität (TH) Karlsruhe
1980-1982 Departmental board, Department of Civil Engineering, Universität (TH) Karlsruhe
1979-1980 **Chair**, Departmental student government, Department of Civil Engineering, Universität (TH) Karlsruhe

ACADEMIC ADMINISTRATION: TEACHING

- 2015-2016 Curriculum committee, BSc Spatial engineering, ETH Zürich
2015-2018 **Dean of studies**, MSc Spatial development and infrastructure systems, ETH Zürich
2013-2015 Deputy dean of studies, MSc Spatial development and infrastructure systems, ETH Zürich
2005-2009 **Dean of studies**, MSc Spatial development and infrastructure systems, 2005-2009
2002-2003 **Chair**, Preparatory Committee, SEP Infrastructure Systems
- 1993-1994 Advisory Board of the Diploma in Transport Course, Birkbeck College, University of London, 1993-1994
- 1998-1989 Curriculum committee, Department of Civil Engineering, Universität (TH) Karlsruhe
1980-1981 Federal Reform Commission for the curriculae in civil engineering, architecture and regional planning

ACADEMIC ADMINISTRATION: STAFFING

External Member, Search Committee

- 2020-2021 Chair, Lighthouse professorship Transport engineering, TU Dresden (Prof. T. Waller)
- 2018 Professorship La Poste Chair, EPFL (Prof. A. Trolle)
- 2017-2018 Professorship Transportation, Politecnico di Torino (Prof. C. Pronello)
- 2015-2017 Professorship Transport engineering, ENAC, EPFL (2015-2017) (Prof. A. Alahi)
- 2015-2016 Full or assistant professorship Transport engineering, ENAC, EPFL (Failed)
- 2005-2006 Full professorship for Transport Engineering, ENAC, EPFL (Prof. Bierlaire)
- 2003-2004 Full professorship for Transport Systems, TU Graz (Prof. Fellendorf)

Member, Search Committee

- 2017-2019 Assistant professorship Spatial development (ETH Zürich) (Prof. D. Kaufmann)
- 2016-2017 Assistant professorship Transport systems, D-BAUG (Prof. F. Corman)
- 2015-2017 Full professorship Sociology, D-GESS (2015-2017) (Prof. U. Brandes)
- 2013 Assistant professorship Social networks, DGESS3 (Prof. C. Stadtfeld)
- 2009-2010 Assistant professorship Air Quality Control, DBAUG (Prof. J. Wang)
- 2008 Assistant professorship Air Quality Control decision theory and experimental economics, DGESS, 2008
- 2007-2008 Full professorship for Environmental Planning, DBAUG (Prof. A. Gret-Regamay)
- 2007 Full professorship for International Logistics Management, DMTEC (Prof. S. Wagner)
- 2006 Full professorship for Sociology, DGESS, 2006 (Prof. D. Helbing)
- 2004-2005 Full professorship for Spatial Development, DBAUG (Prof. Bernd Scholl)
- 2003 Full professorship for Transport System: Public Transportation, DBAUG (Prof. U. Weidmann)
- 2003 Full professorship for Infrastructure Systems, DBAUG (Search failed)
- 2002 Full professorship for Urban Design, DARCH (Prof. K. Christiaanse)
- 2002 Full professorship for Sociology, DGESS, (Prof. A. Diekmann)

PROFESSIONAL ACTIVITIES:

Journals

- 2014- **Editor-in-chief**, *Transportation*
- 2005-2013 **Editor**, *Transportation*
- 2008-2011 **Editor-in-chief**, *DISp*
- 2002-2004 **Associate editor**, *Transportation Research A*
- 2001-2003 **Book review editor**, *Transport Reviews*
- 2021- Distinguished advisory editor, *Big Data Analytics in Transportation*
- 2018- Co-publisher, *Internationales Verkehrswesen*

Membership of editorial advisory boards

2021-	<i>Journal of Urban Mobility</i>
2021-	<i>International Journal of Urban Informatics</i>
2015-	<i>Mobile Culture Studies Open Access Journal</i>
2014-	<i>Internationales Verkehrswesen</i>
2014-	<i>Asian Transport Studies</i>
2013-	<i>Zeitschrift für Verkehrswissenschaft</i>
2013-	<i>Travel Behaviour and Society</i>
2011-	<i>European Journal of Transport and Infrastructure Research</i>
2008-2013	<i>Transportation Research A</i>
2007-	<i>Journal of Transportation and Land Use</i>
2007-	<i>Journal of Choice Modelling</i>
2003-2009	<i>Transportation Research B</i>
2000-2011	<i>Transport Policy</i>
1995-2002	<i>Transportation</i>
1995-2002	<i>Transport Reviews</i>
1995-1998	<i>Österreichische Verkehrswissenschaftliche Zeitschrift</i>
1993-2002	<i>Transportation Research C: Emerging technologies</i>
1992-2001	<i>Transportation Research A</i>

Professional associations:

2024-	acatech , Member
2020-2022	Vize-chair , Forum Raumwissenschaft, Zürich
2019-2023	Chair , Schweizer Verkehrswissenschaftliche Gesellschaft (SVWG)
2001-2009	Board, Schweizer Verkehrswissenschaftliche Gesellschaft (SVWG)
2008-2011	Board, IATBR
2004-2005	Chair , IATBR
1992-1999	Secretary and Treasurer , IATBR
1998	Secretary , NECTAR
1998	Board, Österreichische Verkehrswissenschaftliche Gesellschaft
1996-1998	Board, Alpine Technology and Training Association Center
1995- 1997	Board, European Transport Forum (formerly PTRC)
1992-1994	Transport Planners Council Executive Board, ITE

Committee memberships:

2020-2022	ASTRA Arbeitsgruppe 4: <i>Mobilität der Zukunft</i> , 2020-2022
2025-2027	BafU, Eidgenössischen Kommission für Lärmbekämpfung (EKLB)
2008-2012	ERC Advanced Grants Panel
1998-2000	Chair , ETC (PTRC) <i>Transportation Planning Methods Programme Committee</i>
1993-1998	ETC (PTRC) <i>Transportation Planning Methods Programme Committee</i>
2003-2005	FGSV working party AK 1.11.17 <i>Panel surveys and methods</i>
1998-2002	Chair , FGSV working party AK 1.11.12 <i>Parameter estimation for transport models</i>

- 1997-2001 FGSV working party 3.18.6 *Optimisation Methods in Transport*
- 1993-2002 FGSV committee AA 3.18 *Theoretical Foundations of Road Traffic*
- 1991-1994 **Chair**, FGSV working party 1.11.8 *Stated preference methods*
- 1989-2007 FGSV committee AA 1.11 *Measurement and forecasting of travel*

- 1995-1998 FVS committee *Transportation Theory*

- 2008-2016 National Research Council, *Division IV*, SNF

- 2023-2025 TRB, AEP25 *Travel survey methods*
- 2020-2023 TRB, ADB10 (AEP30) *Traveler Behavior and Values*
- 2009-2016 TRB, committee ADB10 *Traveler Behavior and Values*
- 2006-2014 TRB, committee ABJ40 *Travel Survey Methods*
- 1995-2004 TRB committee ADC10 *Urban Transportation Data and Information Systems*
- 1994-2006 TRB, committee ADB40 *Passenger Travel Demand Forecasting*

- 2015-2018 VSS committee FNK 1.2 *Evaluation methods*
- 2009-2014 VSS committee EK 1.04 *Planning methods*
- 2009-2014 VSS committee EK 1.02 *Evaluation methods*
- 2008-2014 VSS committee EK 1.01 *Parking*
- 2008-2009 VSS Steering committee FK 1 *Planning*
- 2008-2009 **Chair**, VSS committee EK 1.02 *Evaluation methods*
- 2003-2008 VSS committee EK 2.04 *Project management*
- 2002-2008 VSS committee EK 3.08 *Capacity of trunk roads*
- 1999-2008 **Chair**, VSS committee EK 2.02 *Transport Planning*

- 1995-1998 PIARC committee C10 *Urban Transport*

Conference organising committees:

- 2025 Advisory Board: International Workshop on Agent-based Modelling, CASA, London
- 2018-2019 *hEART 2019*, Budapest
- 2018-2023 **Co-chair of the local organising committee**, *hEART 2023*, Zürich
- 2017-2019 *HKSTS International Conference*
- 2017 *Workshop on the application of agents to passenger transport (TAAPT)*
- 2010-2023 *Mobil-tum*, Scientific Committee
- 2006 *11th IATBR International Conference on Travel Behaviour Research*, Kyoto,
- 2005-2015 *Workshop - Frontiers in Transportation (Chair 2009)*
- 2005-2006 *Networks for mobility*, Stuttgart, 2005-2006
- 2004 *Progress in Activity-based Analysis*, Maastricht, May 2004
- 2003 *ITS and behavioural response*, Euro Conference, Eindhoven,
- 2002-2009 *World Conference of Transport Research (WCTR) Scientific Committee*
- 2001-2004 *Österreichisches Kolleg (Forum Alpbach)*, external advisory board
- 2001-2003 **Chair local organizing committee**, *10th IATBR International Conference on Travel Behaviour Research*, Lucerne
- 2001 *Travel Surveys: Raising the Standards*, Krüger Park, August 2001
- 2000-2023 *Swiss Transport Research Conference (STRC) (Chair 2001, 2005, 2009, 2018)*
- 2000 *9th IFAC Symposium Control in Transportation Systems*, Braunschweig, Germany, July 2000
- 1998-2000 *9th IATBR International Conference on Travel Behaviour Research*, Goldcoast, Australia, June
- 1996-1997 *Travel Surveys: Raising the Standards*, Eibsee, May 1997
- 1995-1997 *8th IATBR International Conference on Travel Behaviour Research*, Austin, September 1997
- 1994-1995 *Activity Based Approaches Revisited*, Eindhoven, May 1995

1993-1995 *UK Universities Transport Studies Group* Executive Board

Research advisory boards

2020-2025 International Advisory Board Joint Lab on Future Cities, Hong Kong University
2013-2015 **Chair**, Institut für Mobilitätsforschung, München, Kuratorium
2011-2012 Advisory committee, FHWA Long Distance Passenger Travel Demand Model Framework Study (RSG, Burlington)
2009-2013 TCS Mobilitätsakademie, Lausanne, Kuratorium
2007-2008 New England Transportation Institute, University of Vermont
2006-2007 ESRC/DfT/SE Transport Research Centre, member
2005-2009 Transumo – Project, NOW
2003-2009 ÖAMTC Akademie, Wien, member
2002-2013 Institut für Mobilitätsforschung, Berlin, Kuratorium
2001-2005 Zentrum für Technik und Gesellschaft, TU Berlin
2000-2003 Advisory Board, Collegium Helveticum, ETH Zürich

1996-1999 Advisory Committee of the Institute of Transport Studies, University of Sydney and Monash University, 1996-1998

2002-2003 Research programme “Sustainable spatial development and infrastructures”, Bundesamt für Raumentwicklung, Bern, 2002-2003
2002-2003 Research programme “Sustainable traffic”, member, Bundesamt für Strassenbau und Bundesamt für Verkehr, Bern
2001-2002 www.truckinfo.ch, Bundesamt für Strassenbau, Bern
1999-2002 SMARTAQ: Travel survey, Georgia Institute of Technology, Atlanta
2000-2001 Personal and commercial travel with private car and light duty trucks, SVI, Zürich,
1999-2001 Reduction of environmental impact of leisure and tourism travel, Umweltbundesamt, Berlin

Evaluation committees

2020 Mid-term evaluation of Mistra Sams - Sustainable Accessibility and Mobility Services, KTH Stockholm
2019 Academic mid-term review of DDSS, TU Eindhoven, 2019;
2017 Evaluation committee of the Faculty of Technology, Policy and Management, TU Delft
2016-2021 Member of the mentor group for Prof. Rolf Möckel, TU Munich
2006 NWO panel for TRAIL
2004 VSNU evaluation panel for architecture (TU Delft and TU Eindhoven)
2002-2005 Helmholtz-Gesellschaft, DLR – Transport research programm

Industrial involvements

2020- odysee, Paris, scientific advisor
2020- motion-tag, Berlin, scientific advisory board member
2019-2021 Urban Data Lab, Zürich, academic advisor
2016-2020 Research Systems Group, Whitewater, VT, senior academic advisor
2013- senozon AG, Zürich, advisory board member

CIVIC ACTIVITIES

2010-2014	Steering committee, Ryuichi Kitamura Fund of University of California–Davis
2001-2007	Board of Directors, Rotary Club Zürich Turicum
1997-1999	Board of Directors, Rotary Club Innsbruck Goldenes Dachl
1996-1996	Alternate, regional planning commission, Land Tirol
1988-1989	Citizen member, planning commission of the City of Karlsruhe

OTHER DATA:

Military service, July 1977 to September 1978

Main achievements: KW Axhausen

The focus of my work so far has been focused on the research task of the university, but my contribution to the design of curricula has been on-going since my student days. The most substantial contributions were the design and introduction of the new *Master of Spatial Development and Infrastructure Systems*, whose title indicates its original ambition, and later of the associated *BSc Spatial Engineering*. After the design phase I was its dean of studies of the MSc for 8 years. Since its inception in 2004 the MSc course has developed into a well-regarded preparation for planners and transport engineers.

My teaching stresses the doing and is exercise heavy: Be it term papers, survey design and conduct or data modelling. It covers the measurement and modelling of spatial and travel behaviour.

My cumulative work has an h-index of 64/72/109 with 14,999/ 18,939/ 52,11 81 citations at ISI/Scopus/Google scholar with 336/371/1000+ indexed papers and reports (October 2025). The core concerns and results of my work will be discussed in turn. The data collected for this work has been fully documented since 2004 (www.ivt.ethz.ch/institut/vpl/publikationen/tsms.html).

Transport planning is at the intersection of engineering, social science and computing to develop the models required to understand, forecast, and assess in welfare terms the outcomes of future travel demand and future transport technologies/policies. It relies in its models on the rational choice over many repetitions in daily life on observations of either **revealed** (RP) or **stated preferences** (SP) nature. My work has been involved in this by introducing SP data collection to transport planning in the German-speaking area (Axhausen, 1989) and then by its constant use and development over the last 40 years. While the range of topics has been across all facets of transport behaviour the largest impact has been with the studies of the value of travel time savings, which lead to official values for cost-benefit analysis in Switzerland and Germany (Axhausen *et al.*, 2008; VSS, 2009; Axhausen *et al.*, 2015; Schmid *et al.*, 2023), which have been expanded to the value of leisure (Aschauer *et al.*, 2018) for a more complete understanding of daily behaviour.

The SP data have to be embedded in RP data for validity. While I have been involved in a number of one-day-travel **travel diary surveys** more important have been the surveys which enriched the content of the instruments and extended its temporal range. The six-week *MobiDrive* survey and its Swiss reimplementations are still the longest and richest travel diaries, which allowed important new work on the regularity, stability, social content well before the arrival of the now available *big data* sources (Axhausen *et al.*, 2002). They have been widely used beyond my group (See <http://www.ivt.ethz.ch/forschung/mobidrive.html>). The current four-week TimeUse+ study expands the approach even further to time use and daily expenditures.

These data sets already gave the key insights, that there is a limited number of locations which persons visit at any one time, that there is a constant churn of them (innovation), as time progresses and the social networks slowly change (Schönfelder and Axhausen, 2010). The integration of **social network** analysis into travel behaviour has been a main contribution and the documentation of the insight, that just about all travel is social travel, i.e. motivated by the needs to meet others and to work with, provide for or help them. This break with an individual choice perspective is still being integrated into transport modelling (Larsen, Urry and Axhausen, 2006). The results of the first snow-ball survey of social networks in transport science (Kowald and Axhausen, 2015) and of the identification of familiar strangers in Singapore busses (Sun, Axhausen, Lee and Huang, 2013) has provided essential bases for this.

The second dimension of this work is systematic enrichment of the available data for transport planning. The work on fusing and processing **GPS** and **GSM** data is a further important strand. Early map matching algorithms for GPS data (Schüssler and Axhausen, 2009) is inspiring current work on the use of GSM traces to generate artificial agents with realistic travel behaviour for nationwide simulation models. Most relevant is the MOBIS/COVID19 panel, which traced the respondents' daily behaviour (3700 for 8 weeks in 2019; 500+ from the start of the pandemic until the end of 2022 – see Molloy *et al.*, 2021 or <https://ivtmobis.ethz.ch/mobis/covid19/en/>)

The tool to integrate all of these insights is **agent-based simulation**. Starting with my doctoral thesis (Axhausen, 1990) I laid some of the groundwork for the full integration of travel demand and assignment

modelling now generally accepted. This integration allows the necessary consistency across all choice facets of interest (generation, departure time, activity duration, destination, mode, route) and the modelling of the social dimensions of the choices inside the household and the network of friends and colleagues. In collaboration with a colleague in Berlin and by now others we have built the most widely used open-source software in this domain (www.matsim.org) (Horni, Nagel and Axhausen, 2016). It is used by about 50 groups worldwide, including spin-off firms in Zürich and elsewhere, the SBB and VW. A prominent recent use of the approach is its coupling with *episim* to model the spread of a pandemic, as we can identify the network of co-presence and with it the occasions of possible infections. As part of Swiss NFP78 we extended the base model to improve the modelling of the disease spreading.

While the bulk of my work focusses on the individual, recent work tries to answer the question, if all this personal data is required. The work has made great progress in showing that **spatial regression** models can replicate the much more detailed models rather well (Sarlus and Axhausen, 2015) and that we can estimate the total capacity of a network while accounting for the first time for the multi-modal interactions (Loder, Ambühl, Menendez and Axhausen, 2017 on the macroscopic fundamental diagram).

In my final phase I returned to the question of how to allocate the road space for a sustainable and balanced transport system. While my 1985-1988 NGO work and related papers had looked at the need of cyclists in isolation, it has now become crucial to the resolution of the current dilemma of the whole transport systems. The work on the [e-bike-city](#) will hopefully show a path to a safe, sustainable and fair urban transport system in the form of a walking, bike, e-bike, transit city. The results show that such a city would improve the health of its population and maintain its accessibility level (Axhausen and Elliot, 2025)

MEMBERSHIPS IN PROFESSIONAL ASSOCIATIONS

American Economics Association (AEA), 2000-
American Society of Civil Engineers (ASCE) (M), 1983-
Chartered Institute of Transport (CIT) (M), 1991-
Institute of Transportation Engineers (ITE) (M), 1983-
Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG) (M), 2000-
Vereinigung Schweizer Verkehrsingenieure (SVI) (M), 1999-
Verband Schweizer Strassenfachleute (VSS) (M), 1999-
Vereinigung der Stadt-, Regional- und Landesplaner (SRL), 1986-

British Operations Research Society, 1995-
Forschungsgesellschaft für das Straßen- und Verkehrswesen (FGSV), 1988-
Gesellschaft für Regionalforschung (GfR), 1996-
Institute of Operations Research and Management Science (INFORMS), 1996-
Institution of Highways and Transportation (IHT), 1993-
International Association for Travel Behaviour Research (IATBR), 1987-
Regional Science Association International (RSAI), 1996-
Transportation Research Board (TRB), 1985-

LIST OF DOCTORAL STUDENTS

External examiner

- Staves, C. (2025) Advancing Transport Modelling for Health Applications, Cambridge University, (supervisor J. Woodcock),
- Herroo, K.N.S. (2024) Optimising Multi-Objective Road Network Design Problems with an Adaptive Slime Mould Algorithm, University of Mauritius
- Saki, S. (202x), Fachhochschule Frankfurt
- Arning, L. (202x) Universität Wuppertal (supervisor: H. Kathes)
- Czarnetzki, F. (2025) Effekte etablierter Carsharing-Angebote auf die Carsharing-Akzeptanz, den Pkw-Besitz und das Mobilitätsverhalten in urbanen Wohnquartieren, TU Hamburg-Harburg (supervisor: C. Gertz)
- Ben-Gor, G. (2024) Transportation Policy Evaluation in an Agent-Based Multimodal Simulation Model, Tel-Aviv University (Supervisor Felsenstein)
- Reiffer, A.S. (2024), Activity Generation and Scheduling for Travel Demand Models to Account for Telecommuting Behavior, KIT (supervisor: P. Vortisch) (degree awarded)
- Ghandeharioun, Z. (2024) Optimization of Shared On-Demand Transportation, ETH Zurich (supervisor: A. Kouvelas) (degree awarded)
- Chavoshi-Boroujeni, K. (2024) Coordinated Traffic Control For Highway Systems, ETH Zurich (supervisor: A. Kouvelas) (degree awarded)
- Pougala, J. (2023) OASIS: An integrated optimisation framework for activity scheduling, EPFL (supervisor: M. Bierlaire) (degree awarded)
- Genser, A. (2022) Machine learning for traffic management in urban transportation networks, ETH Zurich (supervisor: A. Kouvelas) (degree awarded)
- Dakic, I. (2021) Design, modeling, monitoring, and optimization of large-scale multimodal urban systems, ETH Zurich (supervisor: M. Menendez) (degree awarded)
- Kühnel, N. (2021) Agent-based traffic noise modeling in transport and land use simulations, TU München (supervisor R. Mökel) (degree awarded)
- Brückmann, G. (2021) Electric vehicle adoption and acceptance, ETH Zürich (supervisor: T. Bernauer) (degree awarded)
- Pudane, B (2021) Time Use and Travel Behaviour with Automated Vehicles, TU Delft (supervisor: C. Chorus) (degree award “cum laude”)
- Rothfeld, R (2021) Agent-based modelling and simulation of urban air mobility operation: An evaluation of travel times and transport performance, TU München (supervisor C. Antoniou) (degree awarded)
- Chee, P.N. (2021) Understanding changes in decision-making processes to adopt first-/last-mile automated bus service (NUS/KTH (supervisors: Y.D. Wong, Y. Susilo) (degree awarded)
- Jakob, M. (2020) Parking policies and their impacts on urban networks, ETH Zürich (supervisor: M. Menendez) (degree awarded)
- Ruch, C. (2020) Quantifying coordinated mobility-on-demand transportation systems, ETH Zürich (supervisor: E. Frazzoli) (degree awarded)
- Wälty, S. (2020) Implementing parsimonious land use: Basic analysis and decisive changes for Switzerland, ETH Zurich (supervisor: D. Eberle/H. Klumpner) (DBAUG special case) (degree awarded)
- Ambühl, L. (2021) Estimating and understanding urban congestion, ETH Zurich (supervisor: M. Menendez) (degree awarded, ETH Silver Medal)
- Alonso-Gonzalez, M. (2020) Demand for urban pooled on-demand services – Attitudes, preferences and usage, TU Delft (Supervisor: O. Cats) (degree awarded)

- Bursa, B. (2020) Modeling the intra-destination travel behavior of tourists, Universität Innsbruck, (Supervisor M. Meiler) (degree awarded)
- Maheshwari, T. (2020) An Urban Design Response to the Technological Shift in Transportation How to conduct urban design with vehicle automation, sharing and connectivity, ETH Zürich (Supervisor: S. Cairns, FCL) (external: A. Sevtsuk, MIT) (degree awarded) (proposed for ETH Silver Medal)
- Nguyen, M.H. (2020) Deriving Trip's Modes and Trip's Purposes from GPS-Based Travel Surveys, Universite Gustave Eiffel (Supervisor: J. Armogoom, IFFSTAR) (degree awarded)
- Wicki, M. (2019) Ambitious Mobility Policies and Public Opinion: Doomed to Fail?, ISTP, ETH Zürich (supervisor T. Bernauer) (degree awarded)
- Wu, C. (2019) Free floating Car sharing in London, Imperial College (supervisor JW Polak, S LeVine, A Sivakumar) (major changes)
- Yang, K. (2018) Real-time urban traffic control in a connected and automated vehicle environment, ETH Zurich (supervisor: M. Menendez) (degree awarded)
- He, H. (2018) Management and control of urban multimodal transportation systems - the use of flexible-sharing strategies, ETH Zurich (supervisor: M. Menendez) (degree awarded)
- Batista, S.F.A. (2018) Dynamic traffic assignment for multi-regional transportation systems considering different kinds of users' behaviour, LET, Lyons (Supervisor: L. LeClerc) (degree awarded)
- Lamotte, R. (2018) Congestion and departure time choice equilibrium in urban road networks, EPFL (Supervisor: N. Geroliminis) (degree awarded)
- Hajinasab, B. (2018) A dynamic approach to multi-agent-based simulation in urban transportation planning, opponent, Malmö University, (Supervisor P. Davidsson) (degree awarded)
- Prelipcean, A. (2018) MEILI: Multiple Day Travel Behaviour Data Collection, Automation and Analysis, KTH Stockholm (Supervisor: Y. Susilo) (degree awarded)
- Ingvardson, J. (2018) Attractiveness of public transport systems in a metropolitan setting, DTU, Lyngby, (supervisor: Prof. O.A. Nielsen) (degree awarded)
- Borriello, A. (2018) The role of attitudes and perceptions in discrete choice models – developing an instrument and a new framework for modelling individual choice behavior in transportation, USI, Lugano (supervisor: Prof. R. Maggi) (degree awarded)
- Smits, E-S. (2017) Strategic network modelling for road pricing, TU Delft (Supervisor: B. van Arem) (degree awarded)
- Zhao, X. (2017) Government vs market unsustainable residential development? Microdata analysis of car travel, CO2 emission and residence location, Höskolan Darlana, Borlänge (Supervisor: J. Hakansson) (degree awarded)
- Cavallaro, F. (2016) Impacts and Evaluation of CO₂ Emissions in Transport Planning, IAUV, (supervisor: S. Nocera) (degree awarded)
- Cao, J. (2016) Effect of parking on urban traffic performance, ETH (supervisor: Dr. M. Menendez) (degree awarded)
- Ge, Q (2016) Sensitivity analysis in the calibration of microscopic traffic models: From theory to implementation, ETH (supervisor: Dr. M. Menendez) (degree awarded)
- Tan, T. (2011-2016), Department of Sociology, National University of Singapore (supervisor Prof. V. Chua) (Not completed)
- Ortigosa, J. (2015) Traffic operations on urban grid networks, ETH (supervisor: Dr. M. Menendez) (degree awarded)
- Li, S. (2015) Activity-Based Travel Demand Model: Application and Innovation, NUS (supervisor: Prof. D.-H. Lee) (degree awarded)

- Danalet, A. (2015) Activity choice modeling for pedestrian facilities, EPFL Lausanne (supervisor: Prof. M. Bierlaire) (degree awarded)
- Tu, T.M. (2015) A dynamic analysis of interdependency of travel and residential choice behaviour, IDEC, University of Hiroshima (supervisor: Prof. Aki Fujiwara) (degree awarded)
- Hunziker, P. (2015) Civil Conflict in Petroleum Producing Regions, ETH Zürich (supervisor: Prof. Lars-Eric Cederman) (degree awarded)
- Knudsen, M.A. (2015) Danish long distance travel: A study of Danish travel behaviour and the role of infrequent travel activities, Danish Technical University, Lyngby (supervisor: Prof. Nielsen) (degree awarded)
- Hoch, N. (2015) Customer-centric travel planning for electric vehicles, D-MAVT, ETH Zürich, Zürich (supervisor Prof. R. Siegwart)
- Sun, L. (2015) Research on transit reliability using smart card data, Department of Civil Engineering, National University of Singapore (supervisor: Prof. D.-H. Lee) (degree awarded)
- Aschwanden, G. (2014) Urban planning techniques to improve public health, Departement Architektur, ETH Zürich, Zürich. (supervisor Prof. G. Schmitt) (degree awarded)
- Efthymiou, D. (2014) Extending the Integrated Land-Use and Transport model framework: Spatial Econometrics and Policy Evaluation, National Technical University of Athens (supervisor: Prof. Antoniou) (degree awarded)
- Menghini, G. (2013) Transferable development rights (TDR) in Switzerland: Simulating a TDR market with agent-based modelling, EPFL Lausanne (supervisor: Prof. P. Thalman, PD I. Seidl (WSL)) (degree awarded)
- Gerike, R. (2012) Habilitation, TU München, München (committee: Profs F. Busch, J. Roosen, TU München) (closed, as Dr. Gerike has been appointed to the Chair of Transport Planning at the University of Bodenkultur, Vienna)
- Huturbia, R. (2012) Discrete choice and microsimulation methods for agent-based land use modelling, EPFL Lausanne (supervisor: Prof. M. Bierlaire) (degree awarded)
- Zabic, M. (2012) GNSS-based Road Charging Systems Assessment of Vehicle Location Determination, DTU, Lyngby (supervisor: Prof. O.A. Nielsen) (degree awarded)
- Mandir, E. (2012) Potential of traffic information to optimize route and departure time choice, Fakultät für Bau- und Umweltingenieurwesen, Universität Stuttgart, Stuttgart (Supervisor: Prof. M. Friedrich) (summa cum laude)
- Winkler, C. (2011) Ein integriertes Verkehrsnachfrage- und Bewertungsmodell, TU Dresden (supervisor Prof. D. Lohse) (magna cum laude)
- Le Vine, S. (2011) Strategies for personal mobility: A study of consumer acceptance of subscription drive-it-yourself car services, Imperial College London (supervisor Prof. J.W. Polak) (degree awarded)
- Santel, G. (2011) Laterales Fahrverhalten, D-BAUG, ETH Zürich, Zürich (supervisor Prof. P. Spacek) (degree awarded)
- Ishaq, R. (2011) Development of flexible model structures for discrete choice models, Department of Civil Engineering, Technion, Haifa. (supervisor: Prof. Y. Shiftan) (degree awarded)
- Dessementet, P. (2011) Changes in employment and accessibility: The case of Switzerland between 1939 and 2008, ENAC, EPFL, Lausanne (supervisor Prof. M. Schuler) (degree awarded)
- Haase, R. (2010) Ertragspotenziale – Hedonische Mietpreismodellierungen am Beispiel von Büroimmobilien, D-BAUG, ETH Zürich, Zürich (supervisor Prof. S. Kytzia) (degree awarded)

- Rieser, M. (2010) Adding Transit to an Agent-Based Transportation Simulation: Concepts and Implementation, TU Berlin, Berlin. (supervisor Prof. K. Nagel) (degree awarded) (sehr gut)
- Smieszek, T. (2010) Models of epidemics: How contact characteristics shape the spread of diseases, Departement Umweltnaturwissenschaften, ETH Zürich, Zürich (supervisor Roland Scholz) (degree awarded)
- Yuan, S. (2010) Methodes d'analyse de donnees GPS dans les enquetes sur la mobilite des personnes – les donnees maquantes et leur estimation, Universite Paris I, Paris (Supervisor: Jean-Loup Madre) (degree awarded)
- Verhoeven, M. (2010) Modelling life trajectories and transport mode choice using Bayesian Belief Networks, Department of Architecture and Regional Planning, TU Eindhoven, Eindhoven. (Supervisor: Prof. H.J.P.Timmermans) (degree awarded)
- Schlaich, J. (2010) Nutzung von Mobilfunkdaten zur Analyse der Routenwahl, Fakultät für Bau- und Umweltingenieurwesen, Universität Stuttgart, Stuttgart (Supervisor: Prof. M. Friedrich) (degree awarded) (Mit Auszeichnung)
- Andreev, P. (2009) Impacts of information and communication technologies on leisure activities and leisure-related travel, Ben-Gourion University, Beer-Sheva (supervisor Nava Pliskin and Ilan Salomon) (awarded after minor corrections)
- Förster, R. (2009) Overcoming Implementation Barriers of Scientific Simulation Models in Regional Development: The Function of Participatory Modeling, D-BAUG, ETH Zürich, Zürich (supervisor Susanne Kytzia) (awarded after minor corrections)
- Müller, M.G. (2009) Energy-efficient cars: Studies on consumer-technology interaction, Departement Umweltnaturwissenschaften, ETH Zürich, Zürich (supervisor Roland Scholz) (degree awarded)
- Ohnmacht, T. (2009) Mobilitätsbiographie und Netzgeographie: Kontaktmobilität in ego-zentrierten Netzwerken, Philosophisch-Historischen Fakultät, Universität Basel, Basel (supervisor Max Bergman) (degree awarded)
- Park, K. (2009) Learning user preferences for intelligent adaptive in-vehicle navigation, Department of Civil Engineering, Imperial College of Science, Technology and Medicine, London (Supervisor: M.G.H. Bell) (awarded after minor corrections)
- Bosshardt, Mathias (2009) Fleet dynamics: Identifying the main micro processes of technological change within the European passenger car fleet, Departement Chemie und angewandte Biologie, ETH Zürich, Zürich (supervisor: Prof. A. Wokaun) (awarded after minor corrections)
- Dos Santos, E. (2008) Finding approximate solutions for large scale linear programs, Departement Mathematik, ETH Zürich, Zürich. (Supervisor: Prof. H.-J. Lüthi) (degree awarded)
- Dolci, C. (2008) Modelli GIS e visualizzazione di processi dinamici per reti di traffico, Departement Bau-Umwelt-Geomatik, ETH Zürich, Zürich (Supervisor: Prof. A. Carosio) (degree awarded)
- Tschopp, M. (2007) Verkehrsinfrastruktur und räumliche Entwicklung in der Schweiz 1950-2000, Mathematisch-Naturwissenschaftliche Fakultät, Universität Zürich, Zürich. (Supervisor: Prof. H. Elsasser) (degree awarded)
- Börjesson, M. (2006) Discrete choice travel demand modelling with respect to ICT and departure time choice, KTH, Stockholm (supervisor Prof. S. Algers) (degree awarded)
- Carrasco, J.A. (2006) Social activity-travel behaviour: a personal networks approach, Department of Civil Engineering, University of Toronto, Toronto (supervisor: Prof. E.J. Miller) (degree awarded)
- Häp, U. (2006) Bewertungsverfahren für Planungsvarianten von Start- und Landebahnen bei einem Flughafenausbau, Fakultät für Bauingenieur- und Vermessungswesen, Universität der Bundeswehr München, Neubiberg. (Supervisor: Prof. M. Wirth) (sehr gut)

- Litian, Xie (2006) Modelling driver response under road pricing, Nanyang Technological University, Singapore (supervisor: P. Olszewski) (minor revision, no reexamination)
- Carle, G. (2006) Erdgasfahrzeuge und ihr Beitrag zu einer CO₂Reduktion im motorisierten Personenverkehr der Schweiz, Departement Bau, Umwelt und Geomatik, ETH Zürich, Zürich. (Supervisor: Prof. A. Wokaun) (degree awarded)
- Dugge, B. (2006) Simultanes Erzeugungs-, Verteilungs-, Aufteilungs- und Routenwahlmodell, Fakultät für Verkehrswissenschaften, TU Dresden, Dresden (Supervisor: Prof. D. Lohse) (gut)
- Funke, T. (2006) Untersuchungen und Wirkungsanalysen von Verkehrstelematikanwendungen im Bereich neuer Mobilitätsdienstleistungen und –systeme zur Konzeption neuer Modellansätze im Bereich Verkehrsmittelwahlmodelle, Fakultät für Bau- und Umweltingenieurwissenschaften, Universität Stuttgart, Stuttgart. (Supervisor: Prof. R. Kühne) (sehr gut)

Supervisor

- Meyer de Freitas, L. (2021-2025) Exploring modelling and assesment for sustainable mobility futures, Department Bau, Umwelt und Geomatik, ETH, Zürich. (E. Heinen, ETH; M. Borjessen, Linköping University; O.A. Nielsen, DTU)
- Gramsch, D. (2021-2025) Socially motivated travel: Modeling and policy implications of peers' influence on mobility behavior, Department Bau, Umwelt und Geomatik, ETH, Zürich. (A. Gret-Regamey, ETH; T. Ohnmacht, Universität Luzern; J.-A. Carrasco, Universidad de Concepcion)
- Heimgartner, D. (2021-2025) Measuring and modeling the impact of telework on transport demand — data, tools and analysis, Department Bau, Umwelt und Geomatik, ETH, Zürich. (D. Kaufmann, ETH Zürich; T. Bernauer, ETH Zürich; M. Bierlaire, EPFL; S. Hess, University of Leeds)
- Ballo, L. (2021-2025) Addressing large challenges with small infrastructure: Envisioning the e - bikecity, Department Bau, Umwelt und Geomatik, ETH, Zürich. (M. Raubal, ETH Zürich; D. Levinson, University of Sydney; K. Martens, Technion)
- Meister, A.G.M. (2020-2024) Measuring, modelling and simulation of cyclist route choice behavior, Department Bau, Umwelt und Geomatik, ETH, Zürich. (M. Bierlaire, EPFL; H. Kath, BU Wuppertal; A. Sevtsuk, MIT)
- Winkler, C. (2020-2024) Measuring and modeling time use patterns in Switzerland, Department Bau, Umwelt und Geomatik, ETH, Zürich (M. Bierlaire, EPFL; C. Ahrend, TU Berlin)
- Sallard, A. (2020-2024) Mobility, population, and social spaces: Understanding travel demand in a changing world, Department Bau, Umwelt und Geomatik, ETH, Zürich. (Balac, ETH Zürich; L. Sun, McGill, Montreal; Hörl, System-X, Paris; N. Coulombel, Universite Eiffel, Paris)
- Kagho, G. (2020-2023) Planning for the future of transport with agent- based modelling: the role of on-demand mobility services, Department Bau, Umwelt und Geomatik, ETH, Zürich. (K. Bogenberger, TU München; C. Osorio, HEC Montreal)
- Kraus, K. (2019-2022) Shared mobility in MaaS systems: A supply and demand perspective, Department Bau, Umwelt und Geomatik, ETH, Zürich (External examiner Krail, ISI, Karlsruhe)
- Zwick, F. (2019-2022) Modeling the current use of ride - pooling and its future applications with automated vehicles, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiners: A. Erath, FHNW Muttens, K. Bogenberger, TU München)
- Livingston, C.V. (2019-), Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiners: G. Erhard, University of Kentucky; P. Vortisch, KIT; M. Friedrich, Universität Stuttgart)
- Reck, D. (2018-2021) Modelling travel behaviour with shared micro-mobility services and exploring their environmental implications, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: C. Mulley, University of Sydney; G. Circella, Georgia Tech, Atlanta) (ETH Silver Medal/Silber-Medallie der ETH Zürich)

- Mesaric, R. (2018-2025) Change of daily patterns of travel during an epidemic, Department Bau, Umwelt und Geomatik, ETH, Zürich. (S. Hess, University of Leeds; S. Hörl, Paris; A. Erath, FHNW; J. Wang, ETH)
- Schatzmann, T. (2018-2023) Measuring change in behavior: Stated choice experiments in transportation, Department Bau, Umwelt und Geomatik, ETH, Zürich. (external examiner: S. Hess, University of Leeds; B. Hintermann, Universität Basel)
- Tchervenkow, C. (2018-2022) Modeling parking in an agent-based transport simulation, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: D. Scott, McMaster University, Hamilton)
- Molloy, J. (2017-2021) Undertaking mobility field experiments using GPS tracking, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: E. Verhoef, Free University, Amsterdam; M. Fellendorf, TU Graz)
- Li, A. (2017-2021) Empirical Analyses of Dockless Bike-Sharing Utilization and its Benefit, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: Y. Susilo, BOKU, Vienna)
- Guidon, S. (2017-2020) Personalizing mobility? New mobility services and policy assessment based on personal network data, Department Bau, Umwelt und Geomatik, ETH, Zürich. External examiner: T. Bernauer, D-GESS, J. Nelson, University of Sydney)
- Hörl, S. (2017-2020) Dynamic demand simulation for automated mobility on demand, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: K. Nagel, TU Berlin, H. Mahmassani, Northwestern University, Evanston)
- Loder, A. (2016-2019) Optimal pricing and investment in a multi-modal city, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: T. Rutherford, University of Wisconsin-Madison) (ETH Silver Medal/ Silber-Medallie der ETH Zürich)
- Becker, F. (2016-2020) Multidimensional mobility behavior today and in a future with automated vehicles – investigating the choices of modes, mobility tools, and residential locations, Department Bau, Umwelt und Geomatik, ETH, Zürich. (Externam examiners: P. Widmer, Frauenfeld; S. Hess, Leeds University)
- Anda C. (2016-2022) Digital twin travellers: Disaggregated travel demand from aggregated mobile phone data—a privacy by design approach, Future Cities Laboratory, CREATE, Singapore. (External examiner: M. Gonzalez, University of California, Berkeley)
- Ilahi, A. (2016-2019) Activity Based Model (ABM) approaches for sustainable cities, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: F. Belgiawan, Bandung Technical University; K. Mohamedian, University of Illinois at Chicago)
- Nazemi, M. (2016-2020) Unravelling bicyclists' perceived safety using a bicycle simulator combined with immersive virtual reality and av physiological sensor, Future Cities Laboratory, CREATE, Singapore. (External examiners: S. Hoogendoorn, TU Delft; M. van Eggermond, FCL, Singapore)
- Rau, U. (2016-), DLR und Department Bau, Umwelt und Geomatik, ETH, Zürich. (Withdrew due to private issues)
- Schmid, B. (2015-2019) Connecting time use , travel and shopping behavior: Results of a multi - stage household survey, Department Bau, Umwelt und Geomatik, ETH, Zürich (External examiners: M. Bliemer, University of Sydney, S. Jara-Diaz, University of Chile, Santiago de Chile)
- Becker, H. (2014-2019) The role of shared mobility in an integrated transport system, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiners: F. Ciari, Polytechnique Montreal, S. LeVine, Imperial College, London)
- Janzen, M. (2013-2019) Simulating annual long-distance travel demand, Department Bau, Umwelt und Geomatik, ETH, Zürich (External examiner: T. Arentze, TU Eindhoven)

- Bösch, P. (2013-2018) Automated vehicles – the next revolution in transport, Department Bau, Umwelt und Geomatik, ETH, Zürich. (external examiners: K. Kockelman, University of Texas, Austin; F. Ciari, Joanneum, Graz) (degree awarded)
- Balac, M. (2013-2019) Emerging mobility solutions and their impacts in Zurich, Switzerland, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: K. Kockelman, University of Texas-Austin, F. Ciari, Polytechnique de Montreal)
- Sarlas, G. (2013-2019) Transport demand models: A spatial perspective, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: A. Paez, McMaster University, Hamilton)
- Fuhrer, R. (2013-2020) Modelling historical accessibility and its effects in space, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: R. Fouquet, LSE, London)
- Stahel, Alexander (2013-2014), Department Bau, Umwelt und Geomatik, ETH, Zürich. (Moved to industry)
Department Bau, Umwelt und Geomatik, ETH, Zürich.
- Dubernet, I. (2012-2018) Understanding The Value of Travel Time: Advanced Modelling Techniques Applied to the National German Value of Travel Time and Travel Time Reliability Study, Department Bau, Umwelt und Geomatik, ETH, Zürich (External examiner: S. Hess, University of Leeds)
- Kopp, J. (2012-2015) GPS-gestützte Evaluation des Mobilitätsverhaltens von free-floating CarSharing Nutzern, Department Bau, Umwelt und Geomatik, ETH, Zürich. (BMW) (external examiner: R. Gerike, BOKU, Wien)
- Montini, L. (2012-2016) Extraction of transportation information from combined position and accelerometer tracks, Department Bau, Umwelt und Geomatik, ETH, Zürich. (external examiner: H. Bar-Gera, Ben-Gurion University of the Negev, Bersheeva)
- Chakirow, A. (2011-2016) Urban mobility pricing with heterogeneous users, Future Cities Laboratory, CREATE, Singapore, (external examiner: H. Bar-Gera, Ben Guiron University of the Negev, Bersheeva)
- Ordonez, S. (2011-2016) Simulating work-leisure cycles in large scale scenarios: Models and implementation, Future Cities Laboratory, CREATE, Singapore, (external examiner: M. Munizaga, University of Chile, Santiago de Chile)
- Van Eggermond, M.A.B. (2011-2017) Diversity, accessibility and its impact on vehicle ownership and residential location choices, Future Cities Laboratory, CREATE, Singapore. (external examiner: H. Miller, Ohio State University, Columbus)
- Fourie, P. (2011-2016) Data-driven transit simulation, Future Cities Laboratory, CREATE, Singapore, (external examiner: K. Nagel, TU Berlin) (ETH Silver Medal/Silber-Medallie der ETH Zürich)
- Dubernet, T. (2011-2017) Explicitly Correlating Agent's Daily Plans in Multiagent Transport Simulation: Towards the Consideration of Social Relationships, Department Bau, Umwelt und Geomatik, ETH, Zürich. (external examiner: M. Bierlaire, EPFL)
- Märki, F. (2010-2013) Efficient continuous activity planning for travel demand simulation with open time horizons, Department Bau, Umwelt und Geomatik, ETH, Zürich. (external examiner: T. Arentze, TU Eindhoven)
- Müller, K. (2010-2016) A generalized approach to population synthesis, Department Bau, Umwelt und Geomatik, ETH, Zürich. (external examiner: P. Toint, Namur; H. Bar-Gera, Ben-Gurion University of the Negev, Bersheeva)
- Jäggi, B. (2010-2015) Decision modelling on the household level for energy, fleet choice and expenditure, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: S. Jara-Diaz, University of Chile, Santiago di Chile)

- Schirmer, P. (2011-2015) Classification of the urban morphology for use in residential location choice models, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: M. Batty, University College London; R. Maggi, USI, Lugano)
- Vitins, B. (2009-2014) Shape Grammars for Urban Network Design, Department Bau, Umwelt und Geomatik, ETH, Zürich. (external examiner: D. Levinson, University of Minnesota, Minneapolis)
- Lu, M. (2009-2014) RP and SP data-based travel time reliability analysis, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: M.G.H. Bell, University of Sydney; K. Nökel, PTV AG, Karlsruhe)
- Waraich, R.A. (2009-2014) Agent-based simulation of electric vehicles: design and implementation of a framework, Department Bau, Umwelt und Geomatik, ETH, Zürich. . (External examiner: T. Arentze, TU Eindhoven)
- Zöllig, C. (2008-2014) The role of real estate developers in the context of land use development and transport, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External supervisor: P. Waddell, University of California – Berkeley)
- Kowald, M. (2008-2013) Focussing on travel: The link between spatial mobility, leisure acquaintances and social interaction, Department Bau, Umwelt und Geomatik, ETH, Zürich (External examiner: A. Diekmann, ETH Zürich; T. Arentze, TU Eindhoven)
- Killer, V. (2008-2014) understanding spatial interaction in models of commuting behaviour, Department Bau, Umwelt und Geomatik, ETH, Zürich. (external examiner: Ch. Holz-Rau, TU Dortmund; C. Rozenblatt, Université de Lausanne)
- Horni, A. (2007-2013) Destination Choice Modeling of Discretionary Activities in Transport Microsimulations, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: D. Scott, MacMaster University, Hamilton)
- Weinmann, S. (2000-2013) Simulation of spatial learning mechanisms, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: K. Nagel, TU Berlin)
- Dobler, C. (2009-2013) Travel Behaviour Modelling for Scenarios With Unexpected - Methods and Implementation, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: K. Nagel, TU Berlin)
- Ciari, F. (2007-2012) Sharing as a key to rethink urban mobility: Investigating and modelling innovative transport systems, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: H. Kato, University of Tokyo)
- Frei, A. (2006-2012) Networks, geography and travel: Travel between infrastructure and social structure, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: J.A. Carrasco, University of Concepcion, Concepcion)
- Nur Arifin, Z. (2009-2012) Route choice modelling based on GPS tracking data: The case of Jakarta, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: M. Mohamedian, University of Illinois – Chicago)
- Weis, C. (2006-2012) Activity oriented modeling of short- and long-term dynamics of travel behavior, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: H.J.P. Timmermans, TU Eindhoven)
- Bodenmann, B.R (2004-2011) Location choice of firms with special emphasis on spatial accessibility, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: F. Schweitzer, ETH Zürich; T. Arentze, TU Eindhoven)
- Meister, K. (2005-2011), Contribution to Agent-Based Demand Optimization in a Multi-Agent Transport Simulation, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: P. Waddell, University of California, Berkeley; Dr. M. Balmer, senozon AG, Zürich)
- Erath, A. (2006-2011) Vulnerability assessment of road transport infrastructure, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: M. Bell, Imperial College London)

- Schüssler, N. (2006-2010) Accounting for similarities between alternatives in discrete choice models based on high-resolution observations of transport behaviour, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: M. Bierlaire, EPF Lausanne)
- Feil, M. (2008-2010) Choosing the daily schedule: Expanding activity based travel demand modelling, Department Bau, Umwelt und Geomatik, ETH, Zürich. (McKinsey) (External examiner: Y. Shifan, Technion, Haifa)
- Löchl, M. (2004-2010) Application of spatial analysis methods for understanding geo-graphic variation of prices, demand and market success, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: D. Scott, McMaster University, Hamilton)
- Hackney, J.K. (2003-2009) Integration of social networks in a large-scale travel behavior microsimulation, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: E. Miller, University of Toronto, Toronto)
- Charypar, D. (2003-2008) Efficient algorithms for the travel behavior microsimulation of very large scenarios, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: K. Nagel, TU Berlin)
- Bernard, M. (2003-2008) Entwicklung eines Bemessungskonzepts von Verkehrsnetzen unter Berücksichtigung der Zufallsgrößen Verkehrsstärke und Kapazität, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: W. Brilon, Ruhr-Universität, Bochum)
- Fröhlich, P. (2001-2008) Änderungen der Intensitäten im Arbeitspendelverkehr von 1970 bis 2000, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: M.G.H. Bell, Imperial College for Science, Technology and Medicine, London)
- Beige, S. (2003-2008) Long-term and mid-term mobility decisions over the life course, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiners: R. Maggi, USI, Lugano; M. Wegener, Universität Dortmund)
- Frick, M. (2003-2007), Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: K. Nagel, TU Berlin) (Not completed)
- Chalasani, V.S. (2003-2007), Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: M. Wigan, Napier University, Edinburgh) (Not completed)
- Balmer, M. (2002-2007) Travel demand modeling for multi-agent traffic simulations: Algorithms and systems, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: K. Nagel, TU Berlin)
- Schönfelder, S. (1999-2006) Urban rythms: Modelling the rythms of individual travel behaviour, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: C. Bhat, University of Texas, Austin)
- Heimgartner, C. (2000-2005) Systemdynamische Simulation von Verkehr und Flächennutzungen: Evaluation nachhaltigkeitsfördernder Massnahmen, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: B. Scholl, Universität Karlsruhe, Karlsruhe)
- König, A. (2001-2004) Messung und Modellierung der Verlässlichkeit des Verkehrsangebots: Experimente mit Schweizer Befragten, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: D. Zumkeller, Universität Karlsruhe, Karlsruhe)
- Schlich, R. (1999-2004) Verhaltenshomogene Gruppen in Längsschnitterhebungen, Department Bau, Umwelt und Geomatik, ETH, Zürich. (External examiner: H. Timmermans, TU Eindhoven, Eindhoven)
- Köll, H. (1998-2002) Grünblinken bei Lichtsignalanlagen: Auswirkungen auf Verkehrssicherheit und Leistungsfähigkeit, Fakultät für Bauingenieurwesen und Architektur, Leopold-Franzens-Universität, Innsbruck. (External examiner: G. Sammer, Universität für Bodenkultur, Wien) (Mit Auszeichnung)
- Simma, A. (1997-2000) Verkehrsverhalten als eine Funktion soziodemographischer und räumlicher Faktoren, Fakultät für Bauingenieurwesen und Architektur, Leopold-Franzens-Universität,

Innsbruck, August 2000. (External examiner: G. Sammer, Universität für Bodenkultur, Wien) (sehr gut) (FSV-Dissertationspreis 2001)

Haubold, I. (1997-1999) Fakultät für Bauingenieurwesen und Architektur, Leopold-Franzens-Universität, Innsbruck. – Left for private industry

Jackson, P.G. (1993-1994) Spatial learning and Advanced Transport Telematics, Department of Civil Engineering, Imperial College, London – Final supervisor: J.W. Polak

Majumdar, A. (1993-1994) Modelling of airspace capacity, Department of Civil Engineering, Imperial College, London – Final supervisor: J.W. Polak

LIST OF EXTERNAL MSc THESES

- Garaicoechea, I. (2019) Potential of AMOD operations across Switzerland, UPC, Barcelona.
- Shah, K. (2019) Hyperloop Network Design: The Swiss Case, TU Delft
- Casati, D. (2014) Hierarchical Population Generation in Transportation Modelling, Rechnergestützte Wissenschaften, ETH Zurich, Zurich.
- Charpentier, A. (2012) Greenhouse gas reduction measures for the transport sector in the US and Europe, MSc thesis, Environmental sciences, ETH Zürich. (B. Girod, supervisor)
- Dobler, C. (2008) Simulation informationsorientierter Verkehrssysteme: Implementation von Wissensmodellen mit MATSim, Wirtschaftsinformatik, FH Lichtenstein, Vaduz.
- Dubernet, T. (2011) Introducing joint trips in a multi-agent transport simulation: from agents to clique replanning, Thesis, Université de Technologie de Compiègne, Zürich, July 2011.
- Erne, S. (2007) Einfluss der Erreichbarkeit auf die Raumnutzung am Beispiel des Grossraums Zürich, Diplomarbeit, MAS Raumplanung, ETH Zürich, August 2007.
- Flettermann, M. (2008) Designing multi-modal public transport networks using metaheuristics, MSc Industrial Engineering, University of Pretoria.
- Ganitta, U. (2011) Gemeinschaftliches Wohnen ohne eigenes Auto: Haushaltsbefragung der ersten autofreien Siedlung in Bern, Diplomarbeit, MAS Raumplanung, ETH Zürich, August 2011.
- Hauri, H.-R. (2006) Standortwahl von (General-) Agenturen in der Versicherungsbranche als Aufgabe des Corporate Real Estate Managements, MSc. thesis, Center for Urban and Real Estate Management, Zürich, July 2006.
- Hintaran, E. (2015) Unravelling Urban Pedestrian Trips: Developing a new pedestrian route choice model estimated from revealed preference GPS data, *MSc thesis*, TU Delft, Delft.
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- Hörl, S. (2016) Implementation of an autonomous taxi service in a multi-modal traffic simulation using MATSim, *MSc thesis*, Chalmers University of Technology and University of Gothenburg, Gothenburg
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- Kugelmeier, N. (2012) Empirische Evaluation der Reisezeitveränderungen in der Schweiz von 1950-2005, MSc thesis, Geography. Universität Zürich, August 2012
- Lochbrunner, B. (2017) Verkehrszentrum der Zukunft, MAS CUREM, Universität Zürich, Zürich.
- Menghini, G. (2008) Routenwahl von Fahrradfahrern: Diskrete Entscheidungsmodellierung mittels GPS-Daten, Masterarbeit, Geographisches Institut, Universität Zürich, May 2008.
- Mezdani, Y. (2011) Optimal tolls based on an agent-based model of travel demand, MSc thesis, Civil Engineering, EPF Lausanne, July 2011.
- Rotermund, M. (2017) Einfluss der Erreichbarkeit mit autonomen Fahrzeugen, MAS CUREM, Universität Zürich, Zürich.
- Schürmann, V. (2015) Übermässiges Pendeln in der Schweiz, *Masterarbeit*, MAS Raumplanung, ETH Zürich, Zürich.
- Schutte, S. (2010) Conflict density in Africa, MA Comparative and International Studies, ETH Zürich, Zürich.
- Simoni, M. (2013) Congestion pricing schemes controlled by the gMFD: a comprehensive design and appraisal to bridge the engineering and economic perspective, *Master Thesis*, Faculty of Civil Engineering and Geosciences, Delft University of Technology, Delft.
- Stämpfli, P. (2006) Etude de l'effet des grandes infrastructures sur le développement urbain et élaboration d'un modèle théorique à l'exemple de Genève, MSc. thesis, Center for Urban and Real Estate

Management, Zürich, July 2006.

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Van Eggermond, M.A.B. (2007) Consumer choice behaviour and strategies of air transportation service providers, MSc Infrastructure and Logistics, TU Delft, September 2007.

Vitins, B. (2006) Optimierung der Verkehrsinfrastruktur der Region Bern mit der *Ant Colony* Heuristik, Departement Umweltnaturwissenschaften, ETH Zürich, Zürich, Dezember 2006 (VSS – Preis 2006).

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- Axhausen, K.W. (2012) Wirkung von Parkgebühren und Lage des Parkplatzes auf das Verkehrsverhalten, presentation at the *ASTRA @ HIL*, Zurich, November 2012.
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- Axhausen, K.W. (2013) Large choice sets in agent-based simulations: Some experiences, presentation at the *3rd International Choice Modelling Conference*, Sydney, July 2013.
- Axhausen, K.W. (2013) Models of daily life and travel: Usage for public health, presentation at the *NUS School of Public Health Research Round*, Singapore, March 2013.
- Axhausen, K.W. (2013) Wert der Zeit, presentation at the *Universitätstagung Verkehrswesen 2013*, Kappel am Albis, September 2013.
- Axhausen, K.W. (2014) Direct demand models: A relevant alternative in the age of big data?, presentation at the *19th International Conference of Hong Kong Society for Transportation Studies*, Hong Kong, December 2014.
- Axhausen, K.W. (2014) Familiar strangers: A network of encounters, presentation at the *Mobile Tartu 2014*, Tartu, July 2014.
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- Axhausen, K.W. (2015) Activity-based and agent-based modelling: Reflections on choice modelling, simulation and time horizons, presentation at the *Nagoya University Transport and Environmental Dynamics Laboratory*, Nagoya, June 2015.
- Axhausen, K.W. (2015) Agent-based modelling of transport demand and traffic flow, presentation at the *PhD Excellence Course "Data Intensive Approaches to Urban and Regional Development"*, Torino, October 2015.
- Axhausen, K.W. (2015) Agent-based or agent based modelling: Reflections on choices, constraints and commitments, keynote presentation at the *14th International Conference on Travel Behavior Research*, Windsor, July 2015.
- Axhausen, K.W. (2015) Data problems, modelling challenges, presentation at the *Tokyo Institute of Technology, Transport Studies Group*, Tokyo, June 2015.
- Axhausen, K.W. (2015) Direct demand models: A new lease of life?, presentation at the *Department of Urban Management, Kyoto University*, Kyoto, May 2015.
- Axhausen, K.W. (2015) MATSim: An agent-based framework of travel demand and traffic flow, keynote presentation at the *15th COTA International Conference of Transportation Professionals*, Beijing, July 2015.
- Axhausen, K.W. (2015) Price impacts of environmental services and the attractiveness of architectural form: Recent experiences, presentation at the *Urban Economics Workshop, Kyoto University*, Kyoto, May 2015.
- Axhausen, K.W. (2015) Smart cards and social networks: Simulation and familiar strangers, presentation at the *International Conference: Challenges in Data Science - A Complex Systems Perspective*, Torino, October 2015.
- Axhausen, K.W. (2015) Survey challenges, modelling challenges, presentation at the *3rd International Workshop on Advanced Transport Studies: International Workshop on Context and Social interactions in Activity and Travel Decisions*, Hiroshima, March 2015.
- Axhausen, K.W. (2015) Surveys and tracing: Data gaps and data floods, presentation at the *PhD Excellence Course "Data Intensive Approaches to Urban and Regional Development"*, Torino, October 2015.
- Axhausen, K.W. (2015) Warteschlangen, Stau und was man tun könnte, presentation at the *ETH Emeriti*, Winterthur, September 2015.
- Axhausen, K.W. (2016) Accessibility, mobility tools (and some LUTI models), presentation at the *Symposium for the Integration of Land-Use and Transport Models*, Munich, November 2016.
- Axhausen, K.W. (2016) Autonome Fahrzeuge: Erste Überlegungen, presentation at the *Sommerakademie der Schweizerischen Studienstiftung zum Thema "Automatisierung der Mobilität"*, Magliaso, September 2016.
- Axhausen, K.W. (2016) Autonomous vehicles: The next step in accessibility?, presentation at the *Post-COTA International Conference of Transportation Professionals*, Hangzhou, July 2016.
- Axhausen, K.W. (2016) Big Data und die Mobilität: Welche Verkehrsprobleme können "Big Data" nicht lösen?, presentation at the *ZiF-Konferenz: Big Data - Herausforderung für Wissenschaft und Gesellschaft*, Bielefeld, October 2016.

- Axhausen, K.W. (2016) Energy perspectives in transportation, presentation at the *10th Swiss Energy Research Conference*, Lucerne, April 2016.
- Axhausen, K.W. (2016) How many cars are too many? A first attempt, presentation at the *16th COTA International Conference of Transportation Professionals*, Shanghai, July 2016.
- Axhausen, K.W. (2016) How many cars are too many? A second attempt, presentation at the *HK DTL 2016*, Hong Kong, October 2016.
- Axhausen, K.W. (2016) How to capture long-distance travel?, presentation at the *DLR*, Berlin, January 2016.
- Axhausen, K.W. (2016) Mobilität der Zukunft und Einfluss / Durchdringung neuer Technologien, presentation at the *ARE Zukunftsgespräche*, Ittigen, March 2016.
- Axhausen, K.W. (2016) Parkraumbewirtschaftung und –umfang: Wie weiter?, presentation at the *Hearing der Landeshauptstadt Wiesbaden*, Wiesbaden, November 2016.
- Axhausen, K.W. (2016) Simulation des Verkehrs der Zukunft – Welche Daten braucht es?, presentation at the *Messe und Kongress für Geoinformation: Lösungen für eine Welt im Wandel*, Berne, June 2016.
- Axhausen, K.W. (2016) Singapore's travel demand management issues, presentation at the *CREATE/NUS/SUTD Seminar on the Future of Science, Technology and Policy*, Singapore, June 2016.
- Axhausen, K.W. (2016) Smartphones: Silver bullet for mobility data collection?, presentation at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.
- Axhausen, K.W. (2016) Social networks and their travel impacts, presentation at the *International Symposium on Emerging and Shared Transportation Modes and Mobility Services*, Tel Aviv, December 2016.
- Axhausen, K.W. (2016) Thinking about autonomous vehicles: Business models and demand growth, presentation at the *Lecture at the Hong Kong Polytechnic University*, Hong Kong, October 2016.
- Axhausen, K.W. (2016) Welche Wege vorwärts?, presentation at the *Regionalplanung Zürich und Umgebung*, Zurich, November 2016.
- Axhausen, K.W. (2016) Wieviele PWs verträgt ein Verkehrsnetz?, presentation at the *Technische Gesellschaft Zürich*, Zurich, December 2016.
- Axhausen, K.W. (2017) «Heute» - Herausforderungen - Welches sind die drängendsten Herausforderungen und wie lösen wir diese?, presentation at the *FSU Zentralkonferenz: Mobilität gestern - heute - morgen*, Lucerne, November 2017.
- Axhausen, K.W. (2017) Ansätze zur Modellierung des Verkehrsverhaltens, presentation at the *“Statistische Woche 2017” der Deutschen Statistischen Gesellschaft*, Rostock, September 2017.
- Axhausen, K.W. (2017) Autonomes Fahren: Auswirkungen auf Mobilitätsverhalten und Raumentwicklung, presentation at the *SCCER Seminar “Autonomes Fahren: Technologiepotentiale und ihre Bedeutung für Wirtschaft und Gesellschaft,”* Zurich, January 2017.
- Axhausen, K.W. (2017) Chances and impacts of autonomous vehicles, presentation at the *CASA Seminar at University College London*, London, September 2017.
- Axhausen, K.W. (2017) Data collection / simulation, presentation at the *NSF Workshop “Advancing the Science of Transportation Demand Modelling,”* Berkeley, April 2017.

- Axhausen, K.W. (2017) Green Class und seine Wirkung, presentation at the *SBB Pressekonferenz*, Berne, June 2017.
- Axhausen, K.W. (2017) How many cars are too many? An update, presentation at the *17th COTA International Conference of Transportation Professionals*, Shanghai, July 2017.
- Axhausen, K.W. (2017) How to capture travel? New ideas and results, presentation at the *Choice Modelling Centre Seminar*, Leeds, May 2017.
- Axhausen, K.W. (2017) How to organise a 100% autonomous transport system?, presentation at the *Transport Seminar at Newcastle University*, Newcastle upon Tyne, May 2017.
- Axhausen, K.W. (2017) Learning from smart cards: Lessons from Singapore, presentation at the *KTH Seminar "Bringing New Types of Data Closer Into Practice in Transport Planning and Modelling"*, Stockholm, October 2017.
- Axhausen, K.W. (2017) Mobility in smart cities of the future, presentation at the *Mobility and Energy Systems in Smart Cities of the Future*, Hong Kong, October 2017.
- Axhausen, K.W. (2017) More thinking about autonomous vehicles: Business models and demand growth, presentation at the *96th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2017.
- Axhausen, K.W. (2017) Self Driving Cars: Was könnten autonome Fahrzeuge mit den Verkehrsmärkten machen?, presentation at the *UBS Innovation Forum*, Ermatingen, October 2017.
- Axhausen, K.W. (2017) Towards an AV future: Key issues, presentation at the *Future Urban Mobility Symposium 2017*, Singapore, July 2017.
- Axhausen, K.W. (2017) Was wird anders? Mobilitätsverhalten im Zeitalter automatisierter Fahrzeuge, presentation at the *2. MKS-Fachworkshop "Automatisiert und vernetzt: grün und günstig im Straßenverkehr der Zukunft?"*, Berlin, July 2017.
- Axhausen, K.W. (2017) Wirkungen des automatisierten Fahrens: Erste Annäherungen, presentation at the *Verkehr aktuell: Anforderungen des autonomen Fahrens an Verkehrstechnik und Verkehrsplanung*, Munich, July 2017.
- Axhausen, K.W. (2017) Zur Lage des Verkehrs in Zürich, presentation at the *Gewerbeverband Zürich*, Zurich, March 2017.
- Axhausen, K.W. (2018) AV, CAV, MaaS: Möglichkeiten und Grenzen, presentation at the *Besuch Advantage Austria*, Zurich, December 2018.
- Axhausen, K.W. (2018) City form and its macroscopic fundamental diagram, presentation at the *Projects for Mobility in the Smart City*, Lyngby, June 2018.
- Axhausen, K.W. (2018) Explaining urban network capacity: A first attempt, keynote presentation at the *International Conference on Smart Mobility and Logistics in Future Cities*, Hong Kong, October 2018.
- Axhausen, K.W. (2018) Kapazitäten, Kosten, Automatische Fahrzeuge, presentation at the *UmkehrR Parlamentarianer Anlass: Selbstfahrende Fahrzeuge — Rahmenbedingungen setzen*, Berne, December 2018.
- Axhausen, K.W. (2018) Makroskopisches Fundamentaldiagramm im Städtevergleich, presentation at the *Verkehrstechnik-Kolloquium an der Technischen Universität München*, Munich, September 2018.
- Axhausen, K.W. (2018) MATSim: An update on recent work, presentation at the *Projects for Mobility in the Smart City*, Lyngby, June 2018.
- Axhausen, K.W. (2018) Mobilität und automatische Fahrzeuge, presentation at the

- Generalversammlung der Schweizer Motorjournalisten*, Wangen an der Aare, April 2018.
- Axhausen, K.W. (2018) Mobilitätsverhalten in der Zukunft: Was erwartet uns?, presentation at the *Workshop E-Mobility und Verteilnetze*, Energy Science Center, ETH Zürich, Zurich, April 2018.
- Axhausen, K.W. (2018) What changes are possible in the mobility of the future?, presentation at the *Smart Mobility and Intelligent Vehicle Conference*, Versailles, November 2018.
- Axhausen, K.W. (2018) Which AV revolution – Updated?, presentation at the *CNRS Seminar 2018: ERC MAGnUM's Workshop*, Lyon, November 2018.
- Axhausen, K.W. (2018) Which AV revolution?, presentation at the *KTH Seminar*, Stockholm, June 2018.
- Axhausen, K.W. (2019) Agent-based modelling for transport planning, presentation at the *LVMT Seminar: Modéliser les transports d'aujourd'hui et de demain*, Paris, September 2019.
- Axhausen, K.W. (2019) Are there limits to AV fleets?, presentation at the *CREATE PI Seminar*, Singapore, February 2019.
- Axhausen, K.W. (2019) AV revolution? Limits and chances, presentation at the *ITLS Leadership and Policy Seminar*, Sydney, February 2019.
- Axhausen, K.W. (2019) Erreichbarkeiten, Strassengebühren, Nachfragesteuerung, presentation at the *Naturforschende Gesellschaft Oberwallis*, Brig, October 2019.
- Axhausen, K.W. (2019) How large can autonomous taxi fleets become?, presentation at the *CTR Seminar at NUS*, Singapore, September 2019.
- Axhausen, K.W. (2019) How many cars are too many? Recent results in the light of automated vehicles, presentation at the *ISTP Colloquium*, Zurich, December 2019.
- Axhausen, K.W. (2019) How sustainable are automatic taxi fleets? First simulation results, keynote presentation at the *Advances in Urban Computing, Transportation Choice and Mobility Behavior | Kraks Fonds Morning Workshop*, Copenhagen, March 2019.
- Axhausen, K.W. (2019) Können autonome Taxiflotten überleben?, presentation at the *Forum Mobilität - PTV Mobilitätstage*, Karlsruhe, October 2019.
- Axhausen, K.W. (2019) Marktchancen automatisiert fahrender Taxiflotten, presentation at the *Vortragsreihe Donnerstag 17 Uhr: TU Graz, Fakultät für Bauingenieurwissenschaften*, Graz, April 2019.
- Axhausen, K.W. (2019) MATSim for ACT, presentation at the *WISE-ACT Training School*, Haifa, March 2019.
- Axhausen, K.W. (2019) Möglichkeiten des Verkehrssystems, presentation at the *LITRA Sessionsveranstaltung*, Berne, June 2019.
- Axhausen, K.W. (2019) Nachhaltige Mobilität in Zürich?, presentation at the *Mobilität der Zukunft im Ruhrgebiet*, Essen, November 2019.
- Axhausen, K.W. (2019) Optimal mode choice: First results of a MFD based model, presentation at the *Future Urban Mobility Symposium 2019*, Singapore, January 2019.
- Axhausen, K.W. (2019) Verkehrsplanung: Illustrierte Grundannahmen, presentation at the *Archijeunes Colloquium: Elemente einer Baukulturellen Allgemeinbildung*, Zurich, November 2019.
- Axhausen, K.W. (2019) Welche a-Taxi-Flotte hätte eine Chance im MaaS-Zeitalter?, presentation at the *Leopoldina-Symposium: Zukunft der Mobilität*, Halle, March 2019.
- Axhausen, K.W. (2019) Welche Alternativen haben eine Zukunft im Verkehrsmarkt?, presentation at the *Vorarlberger Nachrichten: FTW Mobilität der Zukunft*, Bregenz, October 2019.
- Axhausen, K.W. (2019) Which AV revolution do we want?, presentation at the *Urban*

- Redevelopment Authority Seminar*, Singapore, January 2019.
- Axhausen, K.W. (2020) Automatisierte Mobilität – Wohin geht die Reise?, presentation at the VSS Seminar “*Gesellschaft im Umbruch – Mobilität umdenken?*”, online, August 2020.
- Axhausen, K.W. (2020) COVID19 and a sustainable transport system, presentation at the *ETH Klimarunde*, online, October 2020.
- Axhausen, K.W. (2020) COVID19 and the critical fall of 2020, presentation at the *Bridging Transportation Researchers (BTR) Conference*, online, August 2020.
- Axhausen, K.W. (2020) Did COVID19 teach cycling?, presentation at the *Colloquium „Public Transport as Urban Generator“*, online, December 2020.
- Axhausen, K.W. (2020) E-shopping: Some first Swiss results, panel at the *Bridging Transportation Researchers (BTR) Conference*, online, August 2020.
- Axhausen, K.W. (2020) Forecasting travel: An agent-based approach, webinar at the *Alphabet Series on “Modelling Real-World Phenomena”*, Mountain View, February 2020.
- Axhausen, K.W. (2020) Herausforderungen der Verkehrspolitik, presentation at the *Zunft zur Schneidern*, Zurich, February 2020.
- Axhausen, K.W. (2020) Micromobility: The example of Switzerland, presentation at the *Emerging Mobility Systems and Services Seminar Series*, University of Michigan, July 2020.
- Axhausen, K.W. (2020) Singapurs Autoarme Zukunft, presentation at the *Wohnungswirtschaftlichen Tage des BBU Verbands Berlin-Brandenburgischer Wohnungsunternehmen*, Bad Saarow, March 2020.
- Axhausen, K.W. (2020) Smart cities?, presentation at the *Roundtable of the Urban Land Institute at Drees & Sommer*, Zurich, July 2020.
- Axhausen, K.W. (2020) Swiss longer duration surveys: Experiences and insights, keynote at the *MPN 2020 Online Symposium*, online, September 2020.
- Axhausen, K.W. (2020) The impact of COVID19 on Swiss travel, webinar at the *TU Delft Webinar*, Delft, July 2020.
- Axhausen, K.W. (2020) The MOBIS/COVID-19 project: Mobility research in Switzerland, presentation at the *T2M & THNS Joint Digital Conference*, online, October 2020.
- Axhausen, K.W. (2020) Tracking the pandemic in Switzerland: Transport impacts, presentation at the *Applied Urban Modelling 2020*, online, November 2020.
- Axhausen, K.W. (2020) Transit oriented development: Some ideas, presentation at the *swissnex India Focus Group*, online, October 2020.
- Axhausen, K.W. (2020) Was bleibt vom lockdown im Verkehrsverhalten?, presentation at the *Fachkolloquium der Fakultät Verkehrswissenschaften, TU Dresden*, Dresden, November 2020.
- Axhausen, K.W. (2020) Welche Entscheidungen sind für eine CO2-freie hohe Erreichbarkeit nötig? Am Beispiel des Tourismus, presentation at the *3. Mobility Forum (IONICA)*, online, October 2020.
- Axhausen, K.W. (2020) Welche Probleme würden automatische Fahrzeuge lösen?, presentation at the *Gemeinnützige Gesellschaft des Bezirks Affoltern*, Affoltern a.A., January 2020.
- Axhausen, K.W. (2021) 365 days of COVID19 in Switzerland: Results of the GPS tracking panel, presentation at the *NUAA International Workshop for Air Transportation Management*, online, February 2021.
- Axhausen, K.W. (2021) 365 days of COVID19 in Switzerland: What comes next?, presentation at the *HKU Seminar*, hybrid session, March 2021.
- Axhausen, K.W. (2021) Behavioral modelling with big data, presentation at the *20th Summer*

- Course University of Tokyo "Behaviour modelling in transportation networks,"* online, September 2021.
- Axhausen, K.W. (2021) COVID19 und der Fahrradboom, presentation at the *Infotech 2021*, online, January 2021.
- Axhausen, K.W. (2021) Der ÖV nach COVID19: Aussichten - Möglichkeiten, presentation at the *10. ÖPNV-Innovationskongress*, online, June 2021.
- Axhausen, K.W. (2021) Future mobility trends, presentation at the *T4Science, Wegener Center, University of Graz*, Graz, September 2021.
- Axhausen, K.W. (2021) Mobilitätsverhalten nach SARS-CoV-2: Welche längerfristigen Veränderungen sind denkbar?, presentation at the *SVWG Jahrestagung*, Berne, September 2021.
- Axhausen, K.W. (2021) MOBIS/COVID19 und danach?, presentation at the *Rotary Club Dietikon*, online, May 2021.
- Axhausen, K.W. (2021) Modelling COVID19 using an agent-based-model of travel, presentation at the *ISEIS Seminar, The Chinese University of Hong Kong*, online, April 2021.
- Axhausen, K.W. (2021) ÖV nach Corona, presentation at the *4. Trinationaler Bahn-Kongress (bk21)*, Basel, November 2021.
- Axhausen, K.W. (2021) Recent insights from Swiss GPS tracking studies, keynote presentation at the *7th International IEEE Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS 2021)*, online, June 2021.
- Axhausen, K.W. (2021) Response rates of longer duration studies, presentation at the *100th Annual Meeting of the Transportation Research Board*, online, January 2021.
- Axhausen, K.W. (2021) Thinking about the long-term impacts of the pandemic, presentation at the *International Symposium on Transportation Data & Modelling (ISTDM 2021)*, online, June 2021.
- Axhausen, K.W. (2021) Time use - expenditure - travel, presentation at the *RWS Symposium: Innovation, Traffic and Transport Modelling*, online, April 2021.
- Axhausen, K.W. (2021) Travel behaviour during COVID19 and the simulation of epidemics: The case of Switzerland and episim, presentation at the *20° Congreso Chileno de Ingenieria de Transporte (CCHIT)*, online, October 2021.
- Axhausen, K.W. (2021) Was neu hinzukommt: Veränderungen der Mobilität im Kontext der Corona-Pandemie, presentation at the *SrV Seminar "Multi, modal, mobil – Aber wie?"*, online, May 2021.
- Axhausen, K.W. (2022) Can we capture the effect of an e-bike city? Idea and challenges, presentation at the *Lunch Seminar, DTU Transport*, Lyngby, November 2022.
- Axhausen, K.W. (2022) COVID, the e-bike city and the dilemma of transport policy making, presentation at the *MIT Urban Studies and Planning Seminar*, online, January 2022.
- Axhausen, K.W. (2022) COVID19 and the dilemma of transport planning, paper presented at the *OSU ITE Student Chapter Seminar*, Corvallis, January 2022.
- Axhausen, K.W. (2022) COVID19 impact/asking for mobility tool bundles, workshop at the *TRB Subcommittee on Household Travel Surveys*, online, January 2022.
- Axhausen, K.W. (2022) Dilemma of transport policy, the e-bike city, and can we model all of the changes?, presentation at the *TUM Symposium on activity-based models*, Seeon, September 2022.
- Axhausen, K.W. (2022) E-Bike City: Welcome, paper presented at the *E-Bike City Kick-off Event*,

Zurich, November 2022.

Axhausen, K.W. (2022) Erreichbarkeit im Grenzraum, presentation at the *Metropolitanraum Bodensee Forum Erreichbarkeit*, Buchs, April 2022.

Axhausen, K.W. (2022) Experiences with GPS tracking, presentation at the *DTU Transport*, Lyngby, November 2022.

Axhausen, K.W. (2022) GPS unterstützte Tagebücher: Aktuelle Erfahrungen und Ergebnisse am IVT, presentation at the *Schweizer Statistiktage 2022 (SST22)*, Lucerne, October 2022.

Axhausen, K.W. (2022) Is cycling a way out of transport policies dead end?, presentation at the *ABM Workshop: AI and Smart Mobility*, Loughborough, August 2022.

Axhausen, K.W. (2022) MATSim: Progress of an open source agent-based model, presentation at the *Loughborough University Seminar*, Loughborough, August 2022.

Axhausen, K.W. (2022) MFD, COVID and the dilemma of transport planning, presentation at the *Physics and Collective Dynamics of Future Mobility (PHYMO22)*, online, March 2022.

Axhausen, K.W. (2022) Verkehr der Zukunft, presentation at the *Volkshochschule Zürich*, online, January 2022.

Axhausen, K.W. (2022) What will remain of COVID19 and will it help with the dilemma of transport planning?, presentation at the *TRB Workshop: Virtual Activities, Travel Behavior, and Demand Management in a Post-Pandemic Era*, Washington, D.C., January 2022.

Axhausen, K.W. and A. Bleisch (2003) Die Erreichbarkeit Zürichs im internationalen Vergleich, presentation at the *Zürcher Benchmarking Forum*, Zurich, December 2003.

Axhausen, K.W. and A. Erath (2011) Daily flows - medium and long term: Research in transport planning at Future Cities Laboratory, lecture at the *Future Cities Laboratory, Singapore ETH-Centre*, Singapore, November 2011.

Axhausen, K.W. and A. Erath (2017) Between abstraction and hyperrealism: Is there a right point?, presentation at the *96th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2017.

Axhausen, K.W. and A. König (2004) Swiss Value of Time Study: First results, lecture at the *Centre for Transport Studies, Imperial College*, London, 2004.

Axhausen, K.W. and A. Marmolejo (2013) Flat demand for driving? An analysis of the Swiss case 1990 - 2010, presentation at the *Workshop on Dynamics in Travel Behaviour*, University of Maryland, College Park, January 2013.

Axhausen, K.W. and B. Schmid (2021) Swiss value of time study: Updating the norms for cost-benefit analyses, presentation at the *100th Annual Meeting of the Transportation Research Board (TRB 2021)*, online, January 2021.

Axhausen, K.W. and C. Zöllig (2011) How to model the gains from infrastructure investment?, presentation at the *Workshop: Emerging Issues and Methods in Policy-oriented Travel Demand Analysis*, Haifa, June 2011.

Axhausen, K.W. and C. Zöllig (2012) Modelling developers and the spatial development process in Switzerland, presentation at the *FCL Lunch Seminar*, Singapore, May 2012.

Axhausen, K.W. and M. Feil (2010) Estimating schedule choice models: First experiences, presentation at the *Workshop on Discrete Choice Modelling*, Lausanne, August 2010.

Axhausen, K.W. and M. Kowald (2011) Agent-based travel demand models and social networks: Next challenges, presentation at the *4th International Workshop Frontiers in Transportation*, Niagara on the Lake, October 2011.

Axhausen, K.W. and M. Rieser (2012) MATSim: Background and current progress, presentation

- at the *13th IATBR Workshop "Simulation Frameworks for Integrated Modelling,"* Toronto, July 2012.
- Axhausen, K.W. and N. Schüssler (2010) Improving and replacing travel diaries using mobile tracing?, presentation at the *Mobile Tartu 2010*, Tartu, August 2010.
- Axhausen, K.W. and P. Fröhlich (2004) Erreichbarkeitsuntersuchungen für Luft, Schiene und Straße, presentation at the *PTV Anwenderseminar*, Karlsruhe, October 2004.
- Axhausen, K.W. and R. Schlich (2003) Leisure: What leisure?, presentation at the *A1D08 Committee Meeting, Transportation Research Board*, Washington, D.C., January 2003.
- Axhausen, K.W. and S. Schönfelder (2003) Aktionsräume und die Suche nach Abwechslung: Aktuelle Ergebnisse von Langzeitbefragungen, presentation at the *Universität für Bodenkultur*, Vienna, June 2003.
- Axhausen, K.W. and S. Schönfelder (2003) Nutzung der Stadt: Aktivitätenräume und ihre Variabilität, presentation at the *Kolloquium des Graduiertenkollegs Stadtformen: Bedingungen und Folgen*, Zurich, February 2003.
- Axhausen, K.W. and S. Schönfelder (2004) Activity spaces, locations and innovation, presentation at the *84th TRB Annual Meeting*, Washington, D.C., January 2004.
- Axhausen, K.W., A. Loder, L. Ambühl, M. Bliemer and M. Menendez (2019) MFD – Progress and next steps, presentation at the *IEEE Seminar at Nanyang Technical University*, Singapore, January 2019.
- Axhausen, K.W., B. Kluge and R. Schlich (2003) Zielwahl im Freizeitverkehr: Erfahrungen aus der Schweiz und Brandenburg, presentation at the *Abschlussstagung des Projekts "Raumpartnerschaften und Kontrasträume,"* Berlin, May 2003.
- Axhausen, K.W., D.J. Reck and H. Martin (2022) Modelling travel behaviour with shared micromobility services and exploring their environmental implications, presentation at the *Micromobility for Europe (MMfE)*, online, March 2022.
- Axhausen, K.W., H. Becker, P.M. Bösch and J. Meyer (2016) Kapazitätsauswirkungen vollautonomer Fahrzeuge in der Schweiz, presentation at the *26. PTV Traffic Anwenderseminar*, Karlsruhe, October 2016.
- Axhausen, K.W., H.P. Lindenmann and U. Weidmann (2004) The Institute for Transport Planning and Systems, presentation at the *Evaluation des D-BAUG 2004*, Zurich, 2004.
- Axhausen, K.W., J. Molloy and C. Tchervakov (2020) First impacts of COVID19 on Switzerland, presentation at the *PIARC COVID19 Webinar Series*, Online, April 2020.
- Axhausen, K.W., M. Botte and S. Schönfelder (2004) Measuring the spatial reach of persons, cities or organisations, presentation at the *STELLA Group 3 Meeting*, Arlington, January 2004.
- Axhausen, K.W., M. Chikaraishi and H. Seja (2016) Pricing in Japan - The example of Hiroshima, presentation at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.
- Axhausen, K.W., N. Rieser-Schüssler and L. Montini (2012) Zwischen Tagebuch und GPS Beobachtung: Wie weiter mit der Messung des Verkehrsverhaltens?, presentation at the *Technische Universität Graz*, Graz, June 2012.
- Axhausen, K.W., P.J. Fourie, A. Erath and S.A. Ordóñez Medina (2015) From big data to smart data: Developing a large-scale public transport simulation that runs on smart card data, presentation at the *CREATE Symposium on Future Mobility*, Singapore, July 2015.
- Axhausen, K.W., S. Beige, M. Bernard and S. Schönfelder (2003) Impacts of long-term commitments on daily choices, presentation at the *Workshop on behavioural responses to traffic management measures at the Technische Universiteit Eindhoven (TU/e)*, Eindhoven,

April 2003.

- Axhausen, K.W., V.S. Chalasani, J.-M. Denstadli and Ø. Engebretsen (2005) Detour factors: A brief summary of recent Swiss and Norwegian results, presentation at the *TRB ABJ 30 Committee Meeting*, Washington, D.C., January 2005.
- Ballo, L., C. Livingston and K.W. Axhausen (2022) Designing the new network & its capacity, poster presentation at the *E-Bike City kick-off event*, Zurich, November 2022.
- Ballo, L., L. Meyer de Freitas, A. Meister and K.W. Axhausen (2022) Rebuilding streets for sustainable transport: The e-bike city?, presentation at the *6th Annual Meeting of the Cycling Research Board*, Amsterdam, October 2022.
- Balmer, M., D. Charypar, A. Horni and K. Meister (2009) Effect analysis of changes in travel behavior: Real world case studies with a large-scale micro-simulation, presentation at the *12th International Conference on Travel Behaviour Research*, Jaipur, December 2009.
- Balmer, M., K.W. Axhausen and K. Nagel (2006) An agent-based demand-modeling framework for large-scale micro simulations, presentation at the *6th Swiss Transport Research Conference (STRC 2006)*, Ascona, March 2006.
- Beige, S., M. Tschopp and K.W. Axhausen (2005) Wie beeinflusst die Verkehrsinfrastruktur die Nutzung der Alpen?, presentation at the *Chancen für den Alpenraum*, Goldau, September 2005.
- Belgiawan, P.F., I. Dubernet, B. Schmid and K.W. Axhausen (2017) Context-dependent models comparisons: Swiss and German SP, RP data sets, presentation at the *12th Workshop on Discrete Choice Models*, Lausanne, June 2017.
- Bleisch, A. and K.W. Axhausen (2003) Accessibility of regions: First results of the IBC development module «Accessibility», presentation at the *IBC Forum 2003*, Basel, June 2003.
- Ciari, F., H. Becker and K.W. Axhausen (2015) Sharing is saving: How collaborative mobility can reduce the impact of energy consumption for transportation, poster presentation at the *2015 Disrupting Mobility Summit*, Cambridge, MA, November 2015.
- Dubernet, T.J.P. and K.W. Axhausen (2014) Using a multi-agent transport simulation to study the impact of the preference for joint activities on leisure trip distance distribution, presentation at the *3rd Symposium of the European Association for Research in Transportation*, Leeds, September 2014.
- Ehreke, I. and K.W. Axhausen (2014) Modelling work place decisions in mobility biographies, presentation at the *14th Swiss Transport Research Conference*, Ascona, May 2014.
- Ehreke, I., S. Hess and K.W. Axhausen (2015) The German value of time and value of reliability study: Comparing alternative model formulations, presentation at the *14th International Conference on Travel Behavior Research*, Windsor, July 2015.
- Erath, A., K.W. Axhausen, M.A.B. van Eggermond, S.A. Ordóñez Medina and A. Ali (2015) Walkability and pedestrian route choice in Singapore, presentation at the *Urban Sustainability R&D Congress*, Singapore, July 2015.
- Erath, A., M.A.B. van Eggermond, S.A. Ordóñez Medina and K.W. Axhausen (2015) Modelling for walkability: Understanding pedestrians' preferences in Singapore, presentation at the *14th International Conference on Travel Behavior Research*, Windsor, July 2015.
- Erath, A., M.A.B. van Eggermond, S.A. Ordóñez Medina and K.W. Axhausen (2015) Walkability and pedestrian route choice - Key findings, presentation at the *URA Centre*, Singapore, July 2015.
- Erhardt, G., D. Ory, K.W. Axhausen, G. Circella, S. Gao, S. Hess, J. Kressner, H.S. Mahmassani, E. Miller, R. Moeckel, A. Pozdnoukhov and P. Waddell (2018) Advancing knowledge in a generalizable and testable manner, presentation at the *97th Annual Meeting of the*

- Transportation Research Board*, Washington, D.C., January 2018.
- Farber, S., A. Páez and K.W. Axhausen (2008) Any given Monday: An exploration of the stability of long term activity patterns, presentation at the *The Association of American Geographers Annual Meeting (2008)*, Boston, April 2008.
- Felder, M., A. Meister and K.W. Axhausen (2022) Choice set generation for large-scale cycling networks, presentation at the *22nd Swiss Transport Research Conference (STRC 2022)*, Ascona, May 2022.
- Fröhlich, P. and K.W. Axhausen (2005) Large scale accessibility study: Which level of accuracy is necessary?, presentation at the *84th TRB Annual Meeting*, Washington, D.C., January 2005.
- Gramsch Calvo, B. and K.W. Axhausen (2022) Social networks, location choice and urban diversity: Survey methods and results, presentation at the *16th International Conference on Travel Behaviour Research (IATBR 2022)*, Santiago de Chile, December 2022.
- Hackney, J.K. and K.W. Axhausen (2005) Public transport speeds in the Kanton Zürich, presentation at the *5th Swiss Transport Research Conference (STRC 2005)*, Ascona, March 2005.
- Hackney, J.K., M. Bernard and K.W. Axhausen (2006) Predicting link speeds with floating car data, presentation at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.
- Heimgartner, D., B. Schmid, M. Balać and K.W. Axhausen (2022) Multimodality in the Swiss new normal, poster presentation at the *Center for Sustainable Future Mobility: Kick-off Symposium*, Zurich, May 2022.
- Hintermann, B., B. Schoeman, N. Lustenberger, J. Molloy, C. Tchervenkov, T. Schatzmann and K.W. Axhausen (2021) Changes in modal split in Switzerland during the COVID-19 pandemic, presentation at the *SAEE Webinar*, online, January 2021.
- Hintermann, B., B. Schoeman, T. Götschi, A. Castro Fernández, U. Tomic, J. Molloy, C. Tchervenkov and K.W. Axhausen (2021) Experimenting with mobility pricing in Switzerland, presentation at the *Virtual AERE*, online, June 2021.
- Hintermann, B., B. Schoeman, T. Götschi, A. Castro Fernández, U. Tomic, J. Molloy, C. Tchervenkov and K.W. Axhausen (2021) Pigovian transport pricing in practice, presentation at the *Workshop for Energy Economics*, Berne, August 2021.
- Hintermann, B., B. Schoeman, T. Götschi, A. Castro Fernández, U. Tomic, J. Molloy, C. Tchervenkov and K.W. Axhausen (2021) Pigovian transport pricing: Internalisierung der externen Verkehrskosten im Feldexperiment, presentation at the *Dialoganlass Avenir Mobilité*, Berne, September 2021.
- Hörl, S., M. Balać and K.W. Axhausen (2018) Bridging discrete mode choice models and microsimulation in MATSim, presentation at the *MATSim User Meeting 2018 @ ITM*, Atlanta, June 2018.
- Janzen, M., M. Vanhoof, Z. Smoreda and K.W. Axhausen (2016) CDR data vs. long-distance travel surveys, presentation at the *Mobile Tartu 2016*, Tartu, June 2016.
- Keller, P., K.W. Axhausen, P. Fröhlich, R. Schlich and A. Simma (2002) Transport infrastructure, tourist behaviour and spatial structure in landscapes and habitats of the alps, presentation at the *Kickoff Meeting NRP 48 Project*, Berne, April 2002.
- Khiali Miab, A., M.J. van Strien, K.W. Axhausen and A. Gret-Regamey (2018) Combining polycentricity and urban scaling to explain socio-economic variables, presentation at the *Conference on Modelling Complex Urban Environments*, Waterloo, Canada, 2018.
- König, A. and K.W. Axhausen (2001) Verkehrsentscheide in Mobidrive, presentation at the 2.

- Aachener Kolloquium “Mobilität und Stadt” (AMUS 2001)*, Aachen, July 2001.
- König, A. and K.W. Axhausen (2002) The reliability of the transportation system and its influence on the choice behaviour, presentation at the *2nd Swiss Transport Research Conference (STRC 2002)*, Ascona, March 2002.
- Kowald, M. and K.W. Axhausen (2009) A snowball around a random sample, presentation at the *3rd Workshop Frontiers in Transportation*, Niagara on the Lake, August 2009.
- Kowald, M. and K.W. Axhausen (2010) The spatial spread of connected egocentric structures: Experiences from a snowball survey, presentation at the *30th Sunbelt Social Networks Conference*, Riva del Garda, July 2010.
- Kowald, M. and K.W. Axhausen (2011) Surveying data on connected personal networks, presentation at the *9th International Conference on Transport Survey Methods (ISCTSC)*, Termas de Puyehue, November 2011.
- Kowald, M., J. Illenberger and K.W. Axhausen (2009) The influence of social contacts on leisure travel, presentation at the *12th International Conference on Travel Behaviour Research*, Jaipur, December 2009.
- Li, A., Zhao, Pengxiang, Haitao, He and K.W. Axhausen (2021) Understanding the variations of micro-mobility behavior before and during COVID-19 pandemic period in Switzerland, poster presentation at the *100th Annual Meeting of the Transportation Research Board (TRB 2021)*, online, January 2021.
- Lichtin, F.M., E.K. Smith, K.W. Axhausen and T. Bernauer (2022) Road pricing policy preferences in Switzerland, presentation at the *Center for Sustainable Future Mobility: Kick-off Symposium*, Zurich, May 2022.
- Livingston, C., S. Hörl and K.W. Axhausen (2019) Review and evaluation of approaches to modeling autonomous transport modes using MATSim: A case study for Switzerland, presentation at the *19th Swiss Transport Research Conference*, Ascona, May 2019.
- Livingston, C., S. Hörl, R. Baumberger-Fischer, F. Bruns and K.W. Axhausen (2021) Verkehrliche Auswirkungen und Infrastrukturbedarf: Zusammenfassung des Teilprojektes ASTRA 2018-002, presentation at the *Fachtagung Forschung ASTRA – SVI 2021*, Berne, September 2021.
- Loder, A., L. Bressan, M.J. Wierbos, H. Becker, V.L. Knoop, M. Menendez and K.W. Axhausen (2019) A multimodal network interaction model for the macroscopic fundamental diagram (MFD), presentation at the *8th Symposium of the European Association for Research in Transportation*, Budapest, September 2019.
- Martin, H., D.J. Reck, K.W. Axhausen and M. Raubal (2021) ETH Mobility Initiative project MI-01-19: Empirical use and impact analysis of MaaS, report at the *Centre for Sustainable Future Mobility (CSFM)*, Zurich, October 2021.
- Martin, H., D.J. Reck, K.W. Axhausen and M. Raubal (2022) Empirical use and impact analysis of MaaS (EIM), poster presentation at the *Center for Sustainable Future Mobility: Kick-off Symposium*, Zurich, May 2022.
- Menendez, M., L. Ambühl, A. Loder and K.W. Axhausen (2017) Macroscopic estimation of multimodal traffic using loop detectors and transit data, presentation at the *3rd International Workshop and Symposium: Research and Applications on the Use of Passive Data from Public Transport*, Santiago de Chile, May 2017.
- Molloy, J., A. Castro, T. Götschi, B. Schoeman, C. Tchervenkova, U. Tomic, B. Hintermann and K.W. Axhausen (2021) MOBIS: Response rates and survey method results, presentation at the *100th Annual Meeting of the Transportation Research Board (TRB 2021)*, online, January 2021.

- Molloy, J., C. Tchervenkov and K.W. Axhausen (2018) Berechnen der Externalitäten von GPS Tracks mittels Anwendung von Mikrosimulation, presentation at the 39. *Universitätstagung Verkehrswesen*, Obergurgl, September 2018.
- Molloy, J., C. Tchervenkov and K.W. Axhausen (2018) Estimating the externalities of a sustainable mobility platform using GPS traces, paper presented at the *Mobil.TUM 2018*, Munich, June 2018.
- Molloy, J., S. Silm, R. Ahas and K.W. Axhausen (2018) Comparison of passive mobile traces and GPS data for the calculation of mobility indicators, paper presented at the *Mobile Tartu*, Tartu, June 2018.
- Molloy, J., T. Schatzmann, B. Schoeman, C. Tchervenkov, B. Hintermann and K.W. Axhausen (2021) MOBIS-COVID-19: GPS-based monitoring mobility during the pandemic, poster presentation at the *100th Annual Meeting of the Transportation Research Board (TRB 2021)*, online, January 2021.
- Morshed, G., K.W. Axhausen, C. Antoniou and M. Mailer (2020) Capturing user and vehicle activity and time use in the fully autonomous vehicle era: What we can learn from Bangladesh, presentation at the *12th International Conference on Transport Survey Methods*, Porto, May 2020.
- Müller, K. and K.W. Axhausen (2011) IPF within multiple domains: Generating a synthetic population for Switzerland, presentation at the *11th Swiss Transport Research Conference (STRC 2011)*, Ascona, May 2011.
- Nazemi, M., M.A.B. van Eggermond, A. Erath, D. Schaffner and K.W. Axhausen (2018) Perception of speed and space in virtual environments, presentation at the *7th International Cycling Safety Conference*, Barcelona, October 2018.
- Reck, D.J., S. Guidon and K.W. Axhausen (2020) Modelling shared e-scooters in Louisville, Kentucky: A spatial regression approach, presentation at the *99th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2020.
- Sarlas, G. and K.W. Axhausen (2018) Off-street parking and car ownership, presentation at the *7th Symposium of the European Association for Research in Transportation*, Athens, September 2018.
- Sarlas, G. and K.W. Axhausen (2018) Off-street residential parking and car ownership, presentation at the *18th Swiss Transport Research Conference*, Ascona, May 2018.
- Schatzmann, T., R. Tanner and K.W. Axhausen (2019) Long-distance buses in Switzerland: An examination of their substitution effects for long-distance travel (50km+), presentation at the *19th Swiss Transport Research Conference*, Ascona, May 2019.
- Schirmer, P.M. and K.W. Axhausen (2014) Quantifying the value of urban form: A hedonic rent price model on Zurich, presentation at the *14th Swiss Transport Research Conference*, Ascona, May 2014.
- Schirmer, P.M., C. Zöllig, K. Müller, B. Bodenmann and K.W. Axhausen (2012) Landuse simulation on the Canton of Zurich using UrbanSim: Current state and first run, presentation at the *12th Swiss Transport Research Conference*, Ascona, May 2012.
- Schirmer, P.M., C. Zöllig, K. Müller, B. Bodenmann and K.W. Axhausen (2012) Landuse simulation on the Canton of Zurich using UrbanSim: Results of the first run, presentation at the *ERSA 2012 Congress "Regions in Motion - Breaking the Path,"* Bratislava, August 2012.
- Schlich, R. and K.W. Axhausen (2003) Wohnkontext und Fluchtmobilität: Eine empirische Untersuchung basierend auf einer Langzeitbefragung, presentation at the *Abschlusstagung des Projekts "Raumpartnerschaften und Kontrasträume,"* Berlin, May 2003.

- Schlich, R., A. Simma and K.W. Axhausen (2002) Destination choice modelling for different leisure activities, presentation at the *2nd Swiss Transport Research Conference (STRC 2002)*, Ascona, March 2002.
- Schlich, R., B. Kluge, S. Lehmann and K.W. Axhausen (2002) Durchführung einer Langzeitbefragung zum Freizeitverhalten, presentation at the *3. Aachener Kolloquiums "Mobilität und Stadt" (AMUS 2002)*, Aachen, 2002.
- Schlich, R., S. Schönfelder, S. Hanson and K.W. Axhausen (2001) Freizeitmobilität im Wandel: Raumzeitstrukturen vor 30 Jahren und heute, presentation at the *53. Deutscher Geographentag*, Leipzig, October 2001.
- Schmid, B. and K.W. Axhausen (2017) Investigating suppressed demand effects in a post car world: A latent variable random effects Poisson (LVREP) approach, presentation at the *17th Swiss Transport Research Conference*, Ascona, May 2017.
- Schönfelder, S., K.W. Axhausen, N. Antille and M. Bierlaire (2002) GPS-Daten und Mobilitätsforschung: Exploring the potentials of automatically collected GPS data for travel behaviour analysis, presentation at the *GI-Days*, Münster, June 2002.
- Schüssler, N. and K.W. Axhausen (2009) Accounting for route overlap in urban and suburban route choice decisions derived from GPS observation, presentation at the *12th International Conference on Travel Behaviour Research*, Jaipur, December 2009.
- Simma, A., M. Vrtic and K.W. Axhausen (2001) Interactions of travel behaviour, accessibility and personal characteristics: The case of the Upper Austria Region, presentation at the *European Transport Conference 2001 (ETC 2001)*, Cambridge, UK, September 2001.
- Tan, T., V. Chua and K.W. Axhausen (2015) Ego networks and social geographies in Singapore, presentation at the *Frontiers in Transportation – Workshop*, Windsor, July 2015.
- Tchervenkov, C. and K.W. Axhausen (2022) Searching for parking: The case of Zurich, presentation at the *10th Symposium of the European Association for Research in Transportation (hEART 2022)*, Leuven, June 2022.
- Tomic, U., B. Schoeman, C. Tchervenkov, J. Molloy, T.J.P. Dubernet, A. Castro Fernández, T. Götschi, B. Hintermann and K.W. Axhausen (2020) Do our basic values guide us in our transportation mode choice? An evidence from a Swiss tracking study, presentation at the *Swiss Mobility Conference*, Lausanne, October 2020.
- Tschopp, M., P. Fröhlich and K.W. Axhausen (2004) Bevölkerung und Erreichbarkeitsentwicklung in der Schweiz zwischen 1950 und 2000: Ein Vergleich, presentation at the *Hochschultagung „Strassen- und Verkehrswesen“*, St. Marienthal, September 2004.
- Tschopp, M., P. Fröhlich, P. Keller and K.W. Axhausen (2003) Accessibility, spatial organisation and demography in Switzerland through 1920 to 2000: First results, presentation at the *International Conference of COST 340, Working Group 3 and Tensions of Europe, Mobility History Group*, Neuchâtel, February 2003.
- Waraich, R.A. and K.W. Axhausen (2014) Infrastructure and policy design for electric vehicles, poster presentation at the *SCCER-Mobility 1st Annual Conference*, Zurich, September 2014.
- Waraich, R.A., C. Dobler and K.W. Axhausen (2013) Simulating parking search, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.
- Waraich, R.A., M. Galus, M. Balmer and K.W. Axhausen (2009) Plug-in hybrid electric vehicles and smart grid: Investigations based on a micro-simulation, presentation at the *12th International Conference on Travel Research Behaviour*, Jaipur, December 2009.
- Weis, C., M. Kowald, K.W. Axhausen, M. Balać and N.A. Mathys (2017) The Swiss national stated preference study on transport 2015, presentation at the *European Conference on Mobility*

Management, Maastricht, May 2017.

- Winkler, C., A. Meister, B. Schmid and K.W. Axhausen (2022) Evaluating design configurations of a large-scale time use, travel, and expenditure diary survey for optimal data quality and respondent retention, presentation at the *16th International Conference on Travel Behaviour Research (IATBR 2022)*, Santiago de Chile, December 2022.
- Winkler, C., A. Meister, S. Gharavi, B. Schmid and K.W. Axhausen (2020) Risk perception during COVID-19: Are individuals more likely to order their groceries online during the pandemic?, presentation at the *20th Swiss Transport Research Conference*, online, May 2020.
- Winkler, C., R. Mesaric and K.W. Axhausen (2021) Mind the gap! How tragic are interruptions in GPS traces for time use and mobility studies?, presentation at the *21st Swiss Transport Research Conference (STRC 2021)*, Ascona, September 2021.
- Wolf, J., S. Schönfelder and K.W. Axhausen (2003) Using GPS & GIS technologies to improve transport planning, presentation at the *41st Annual Conference of the Urban and Regional Information Systems Association (URISA 2003)*, Atlanta, October 2003.
- Zöllig, C. and K.W. Axhausen (2011) A conceptual, agent-based model of land development for UrbanSim, presentation at the *51th ERSA Conference*, Barcelona, September 2011.
- Zöllig, C., P. Schirmer, K. Müller, B. Bodenmann and K.W. Axhausen (2011) Advancing land use transport interaction models, presentation at the *11th Swiss Transport Research Conference (STRC 2011)*, Ascona, May 2011.
- Zwick, F. and K.W. Axhausen (2021) Spatial ride-pooling demand and its transferability to new cities, presentation at the *21st Swiss Transport Research Conference (STRC 2021)*, Ascona, September 2021.
- Álvarez-Ossorio Martínez, S., T. Schatzmann, A. Loder, K.W. Axhausen and K. Bogenberger (2024) Exploring mode choice behaviour in a tradable mobility credit scheme, presentation at the *17th International Conference on Travel Behavior Research (IATBR 2024)*, Vienna, February 2024.
- Axhausen, K.W. (2024) Assessing major changes in the transport systems: The case of the E-Bike City, presentation at the *TMI Wise Seminar*, Takashima, September 2024.
- Axhausen, K.W. (2024) Can planning help addressing the dilemma of transport policy?, presentation at the *24th COTA International Conference of Transportation Professionals (CICTP 2024)*, Shenzhen, July 2024.
- Axhausen, K.W. (2024) Current Swiss time use and travel diary studies: First results, presentation at the *103rd Annual Meeting of the Transportation Research Board (TRB 2024)*, Washington, D.C., January 2024.
- Axhausen, K.W. (2024) E-Bike City: Plan B for sustainable transport?, presentation at the *ITLS Seminar 2024*, University of Sydney, Sydney, April 2024.
- Axhausen, K.W. (2024) How did we get here? Where do we go now?, presentation at the *17th International Conference on Travel Behavior Research (IATBR 2024)*, Vienna, July 2024.
- Axhausen, K.W. (2024) How to assess a mayor network change? The case of the E-Bike City, presentation at the *MSc Class*, Kyoto University, Kyoto, October 2024.
- Axhausen, K.W. (2024) Integrating WFH into our models to address the dilemma of transport planning, presentation at the *24th COTA International Conference of Transportation Professionals (CICTP 2024)*, Shenzhen, July 2024.
- Axhausen, K.W. (2024) What next when BAU doesn't work anymore?, presentation at the *MIT Mobility Forum*, online, December 2024.
- Axhausen, K.W. (2024) What next?, presentation at the *MATSim User Meeting*, Tokyo, November

2024.

Axhausen, K.W. (2024) Working from home and its integration into agent-based-simulation, presentation at the *BIVEC-GIBET Seminar*, Delft, June 2024.

LIST OF PROJECTS WON BY STARTING DATE

The lists omits minor consultancy projects.

The budgets were converted to ecu or Euros at the then current exchange rates

The sponsors are:

AGS	USA	Research programme
Airbus	F	Airbus
ARE	CH	Federal Office of Spatial Development
ASTRA	CH	Federal Office for Roads
Ayalon	Israel	Ayalon Motorway
BABS	CH	Federal Office for Civil Defense
bafu	CH	Federal Office of the Environment
BAK Basel	CH	BAK Basel
Bauhaus Luftfahrt	D	Bauhaus Luftfahrt
BBT	CH	Federal Office of Technology
BBW	CH	Federal Office of Education and Science
Belgium	B	Belgian Government
BfE	CH	Federal Office for Energy
BfS	CH	Federal Office of Statistics
BMBF	D	Federal Ministry of Construction and Research
BMFT	D	Federal Ministry of Research and Technology
BMV	D	Federal Ministry of Transport
BMWVK	A	Federal Ministry of Science, Transport and Communication
CCEM	CH	Kompetenzzentrum für Energie und Mobilität im ETH-Bereich
CEST	UK	Centre for the Exploitation of Science and Technology
City of Frankfurt	D	City of Frankfurt
CREATE	SG	CREATE
Daimler Mobility Services	D	Daimler Mobility Services
DB	D	German Railways
DBAUG	CH	ETH Department
DFG	D	Deutsche Forschungs-gemeinschaft
DfT	UK	Department for Transport
DG TREN	EU	Direction generale TREN
DG VII	EU	Direction generale VII
DG XI	EU	Direction generale XI
DG XIII	EU	Direction generale XIII
DoT	UK	Department of Transport
Dr. Herry	A	Dr. Herry Consultants
Endoxon	CH	Endoxon
EPSRC	UK	Engineering, Physical science research council
ERA.net	EU	Research programme
ERAfrica	EU	ERAfrica
ETH	CH	ETH
ETH ISTP	CH	Institute Science Technology and Policy
ETH Rat	CH	ETH Board
EU	EU	European Union
Eurostat	EU	European Statistical Office

FGSV	D	Forschungsgesellschaft Strasse und Verkehr
FWF	A	Austrian research fund
GVF	CH	UVEK Office of transport planning
ifmo	D	Institut für Mobilitäts-forschung
Kanton Zürich	CH	Kanton Zürich
KTI	CH	Innosuisse
Land Vorarlberg	A	Land Vorarlberg
Lufthansa Group	D	Lufthansa Group
Mobility	CH	Mobility car sharing
NFP	CH	National research programme
NSF	USA	National Science Foundation
Rep. Austria	A	Austrian government
Rep. Italy	I	Italian government
SBB	CH	Swiss Federal Railways
SBB Lab	CH	Swiss Federal Railways research
SERC	UK	Social and Economic research council
Singapore NRF	SG	National research foundation
SNF	CH	Swiss National Science Foundation
Stadt Bregenz	A	Stadt Bregenz
SVI	CH	Swiss Transport Engineering Society
TA Zentrum	CH	Technic impact assessment office
URA	SG	Urban Redevelopment Authority
VBZ	CH	Zürich Public Transport
VSS	CH	Swiss Association of Road and Traffic Engineers
VW	D	Volkswagen
VW-Stiftung	D	VW-Stiftung

Start (Year/ Month)	Sponsor	Title	Duration [Month]	Budget [k€]	Total project budget [k€]
22/10	BfE	e-Bike City	36	30	420
22/10	ETH Rat	Speed2zero	36	80	9700
22/07	DBAUG	e-Bike City	36	50	1680
21/10	SBB/ETH	Multimodality in the Swiss New Normal	27	357	737
21/10	BFE	EBIS: Reduction of transport emissions due to E-biking in Switzerland	24	100	550
21/09	NSF	Whole-community effort to understand biases and uncertainties in using emerging big data for mobility analysis	36	0	
21/04	Lufthansa Group	Door-to-door travel demand and choice model	9	500	830
20/11	NFP78	Add on funding for MOBIS/COVID19 panel	12	76	76
20/10	BFE	The implications of Covid-19 for mobility-related energy use and external costs	24	40	135
20/10	SNF	Agent-based tracking of disease spread with dynamic models of travel behaviour in a pandemic	24	500	1200
20/09	SBB	Mode choice during and before the COVID19 crisis	18	160	
20/06	EU	TRANSIT	36	330	999
20/01	VSS	New Swiss Values of Time	36	380	200
20/01	SNF	Travel and consumption	48	1500	1500
20/01	VBZ	Evaluation VBZmobil	75	75	
19/11	VW	Integration of MOIA	6	58	58
19/10	CREATE	Tower of Information	30	1200	400
19/07	FWF	Quality	36	20	1500
19/03	ASTRA	Auswirkungen des automatisierten Fahrens; Teilprojekt 2; Verkehrliche Auswirkungen und Infrastrukturbedarf	12	170	230
19/03	Airbus	UAM modelling	12	261	
18/10	DB	Baufahrpläne – Modellschätzung	24	120	120
18/09	SBB/ETH	fastMATSim	36	135	270
18/07	ASTRA	Empirische Analyse des Mobilitätsverhaltens mit dynamischen Preisanreizen	30	110	785
18/07	VSS 2017/121	Grundlagen zur Festlegung des Massgebenden Verkehrs	24	50	70
18/07	VSS	Neue Schweizer Zeitkostensätze im Personenverkehr (VSS 2017/119)	24	120	310
18/02	Bauhaus	UAV implementation in MATSim	6	20	20

Start (Year/ Month)	Sponsor	Title	Duration [Month]	Budget [k€]	Total project budget [k€]
	Luftfahrt				
18/01	SBB	LiMa – Basel	18	150	800
17/10	SBB Lab	Fernbusse	12	80	80
17/10	SBB	Green Class evaluation	15	60	120
17/10	SVI	Impact of non-transport factors on travel behaviour	24	100	250
17/10	SVI	Impact of non-transport factors on travel behaviour	24	250	100
17/04	NFP 75	Big data transport model	24	650	200
16/07	SVI	The induced demand by autonomous vehicles (SVI 2016/001)	24	160	160
16/10	SVI	Walkability	24	200	126
16/07	ETH	Mobility incubator	36	200	1000
16/03	SBB	Impact of autonomous vehicles	6	400	60
15/10	SNF	Coupling of Human and ECological NETworks	36	350	600
15/10	SNF	New data for social leisure travel forecasting	36	395	395
15/10	SNF	Autonomous vehicles: The next revolution in transportation	36	350	
15/09	ETH	How many cars are too many?	36	200	200
15/01	SVI	Anforderungen an zukünftige Mobilitätserhebungen (SVI 2011/015)	12	110	35
14/10	NFP 71	Sharing is saving	36	300	300
14/10	ERAfrica	MAXess: Measuring accessibility	24	80	259
14/09	Mobility	Begleitforschung free floating car sharing	24	80	
14/06	ETH ISTP	Platform for Experimental and Empirical Research (PEER)	12		82
14/06	KTI	SCCER: Energy and Mobility	36	400	4'000
14/05	URA	Walkability in Singapore	8	110	110
14/03	Daimler Mobility Services	moovel: SC Befragungen	6	50	50
14/03	SNF	Post car world	36	350	1435
14/01	FWF/SNF	Valuing (travel) time: Models and data for activity scheduling	36	130	766
13/10	SBB Lab	Gesamtwirtschaftliche Effekte des OeV mit besonderer Berücksichtigung der Verdichtungs- und Agglomerations-effekte	24	110	30

Start (Year/ Month)	Sponsor	Title	Duration [Month]	Budget [k€]	Total project budget [k€]
13/07	ARE	Aktualisierung Nationales Verkehrsmodell	12	6	300
13/04	SNF	Models without (personal) data	36	250	250
13/04	SNF	Continuous modelling	36	250	250
13/03	Ayalon	Integration of a ABM into MATSim	9	30	30
13/01	BABS	Schwingerfest: Evacuation study	9	40	80
13/01	EU	TopDAD	36	290	3100
13/01	ETH	CHIRP2: Systemic risks, systemic solutions (ETH-48 12-1)	36	125	1945
12/10	EU	Eunoia	36	360	2000
12/03	EU	SUA	24	282	120
12/01	EU	Ecological Aware Navigation: Usable Persuasive Trip Advisor for Reducing CO2-consumption	36	360	2'419
12/01	SNF	Population synthesis	24	70	70
12/01	DFG/SNF	Mobility Biographies: A Life-Course Approach to Travel Behaviour and Residential Choice	24	100	100
12/01	EU	Ecological Aware Navigation: Usable Persuasive Trip Advisor for Reducing CO2-consumption	36	360	2'419
11/03	VW	MATSim tests	6	50	-
11/01	EU	Transtool 3	36	64	2'900
11/01	Singapore NRF	Future Cities VIII: Mobility and transport planning	60	1'529	1'529
11/01	VSS	Transport survey methods	15	70	70
11/03	SVI	Benefits of metering motorized traffic	24	57	155
10/10	SVI	Einfluss des Parkierungsangebotes auf das Verkehrsverhalten und den Energieverbrauch (SVI 2008/001)	24	45	165
10/06	ERA.net	SurPrice - Sustainable mobility through Road User Charging	24	38	250
10/03	ARE	Route and Mode choice SPs for the National Travel Diary Survey	15	61	150
10/03	CCEM	THELMA – Technology-centered Electric Mobility Assessment	48	129	1'700
10/01	BABS	Simulation evacuation scenarios	12	135	135
10/01	EU	SustainCity	48	660	2'695
09/12	BfS	Defining agglomeration for Switzerland	2	10	25
09/11	ARE	Review of land use transport models	7	20	30
09/10	SNF	Urban Transformation – Focusing on Real Estate Developers	36	100	100
09/09	BBT	Route choice in urban public transport	24	130	130
09/08	ASTRA	Potenzial und Einführungsstrategien für Fahrgemein-	24	50	120

Start (Year/ Month)	Sponsor	Title	Duration [Month]	Budget [k€]	Total project budget [k€]
		schaften (ASTRA 2008/017)			
09/04	SNF	Continuous need-based planning for efficient agent-behaviour modelling	36	110	110
09/02	SNF	An investigation of strategies leading to a 2000W City using a bottom-up model of urban energy flows	36	165	635
09/01	bfe/bafu	Kurzfristige und langfristige Preiselastizitäten im Personenverkehr	9	78	78
08/09	SNF	Choice models for transport modelling: Accounting for similarities between alternatives in large scale choice sets - Extension	12	39	39
08/09	ETH	Coping with Crises in Complex Socio-Economic Systems	36	50	500
08/09	SNF	Transferable development rights for the reduction of land consumption and sprawl in Switzerland: A spatially explicit exploratory analysis combining role-plays and agent-based modeling	24	20	165
08/08	SBB	Fuel price elasticities	4	60	60
08/04	ETH	Integrated modelling and analysis of energy and transport systems (TH-22 07-03)	36	99	200
08/04	DFG/SNF	Spatial accessibilities: Dynamics of commuting and land use in Germany and Switzerland 1970 to 2000	36	105	350
07/09	VW-Stiftung	Travel impacts of social networks and networking tools	36	271	457
07/06	SVI	Induced demand (SVI 2004/012)	24	95	95
07/03	Belgium	Behaviour and Mobility within the Week	36	351	31
07/03	VSS	New Swiss demand profiles: Expanding the methods	18	58	58
07/03	Kanton Zürich	Assessment of the impacts of the Westumfahrung Zürich	12	45	45
07/02	EU	A Knowledge Base for Intermodal Passenger Travel in Europe (KITE)	36	139	1248
07/01	ETH	Agent-based modelling of retailers and their reactions to road pricing	24	112	112
07/01	NFP 54	Consideration of vulnerability in the management of Swiss transportation infrastructure	24	65	147
07/01	KTI	Agent-based simulation for location-based services	36	361	361
07/01	VSS	Database for trip generation rates: Implementation and pilot operation	12	32	32
07/01	SNF	Deriving and assessing strategies for limiting the spread of airborne diseases using a social contact model: The case of influenza.	36	29	160
06/09	ETH	Mobility plan for ETH Zürich	12	20	60
06/09	SVI	Values of travel times savings by distance and income	9	28	28
06/09	SNF	Choice models for transport modelling: Accounting for similarities between alternatives in large scale choice sets	24	53	53
06/07	SNF	Modelling the Interdependence of Social Network	24	80	80

Start (Year/ Month)	Sponsor	Title	Duration [Month]	Budget [k€]	Total project budget [k€]
		Interactions and spatial choices			
05/11	Endoxon	Disaggregation of the national travel demand matrices	6	40	40
05/10	ETH	Large-scale stochastic optimization for agent-based traffic simulations	36	92	184
05/06	ASTRA	Assessment of the effects of mobility pricing	16	140	306
05/06	BBW	COST 355: Zugänglichkeit für Reisende zu Fern- und Mittelstreckenbahnsystemen	36	40	110
05/05	DfT, London	Social networks and future mobilities	12	14	84
04/10	ifmo	Biographies, mobility tools and social networks	24	60	60
04/10	SNF	Spatial accessibility and regional disparities	24	80	80
04/04	Kanton Zürich	AGORA	4	30	30
04/03	Kanton Zürich	A model of the cantonal public transport demand	18	65	170
04/02	ARE	Estimation of OD-matrices for Switzerland 2000	18	130	170
04/01	ETH	Infrastructure, accessibility and spatial planning	36	170	340
03/11	Rep. Austria	Ö25+: National travel forecasts	24	80	1400
03/10	Kanton Zürich	Network monitoring: Speed study	3	60	60
03/09	Rep. Italy	SIMPT: National transport model	22	20	2000
03/02	Eurostat	Optimising the Use of Partial Information in Urban and Regional Systems	36	194	2287
03/02	VSS	Design loads for transport: Development of a new consistent approach	36	140	140
03/02	SVI	Stability of travel behaviour	24	30	104
02/12	DB	Data reuse and modelling strategy for mode choice modelling	4	10	17
02/12	BMBF	Strategies for transportation research	9	9	00
02/12	DG TREN	European Transport Information System: Part Base	36	91	2082
02/10	BAK Basel	European accessibility measures	12	54	54
02/10	ARE	Perspectives of Swiss Passenger Transport Module 4 and 5	8	116	116
02/10	Stadt Bregenz, Land Vorarlberg	Mode choice in the Bregenz Region	9	6	80
02/10	VSS	Development of Swiss models for demand response to real-time control	24	10	100
02/10	ETH	Large-scale multi-agent simulation of travel behaviour and traffic flow	36	30	90
02/06	ETH	Structure and use of human activity spaces	36	108	108
02/04	SNF	Transport infrastructure, tourist behaviour and spatial structure in landscapes and habitats of the alps	36	240	240
02/02	SVI	Value of time savings for Switzerland	18	40	137

Start (Year/ Month)	Sponsor	Title	Duration [Month]	Budget [k€]	Total project budget [k€]
01/12	DB	Market potential for regional traffic	18	4	450
01/10	VSS	Standardised observation of traffic generation data	9	32	32
01/09	TA Zentrum Bern	The networked car: An assessment of transport telematics	9	4	60
01/06	SNF	Networks for transit traffic and land use in Switzerland	36	55	120
01/06	BBW	Accessibility history of Switzerland, 1750-	36	25	67
01/06	AGS	Fundamental patterns of travel behaviour and their policy implications for land-use, congestion, and air-quality	36	38	100
01/01	SVI	Location choice for leisure activities	22	85	85
00/09	SBB, ARE	Evaluation of the ICN introduction	24	50	70
00/09	BMBF	Regional partnerships and contrast spaces	33	200	2500
00/09	SVI	Reliability of transport services: Some SP experiments	12	25	25
00/06	DG TREN	Expedite	32	70	-
00/05	SVI	Value-of-time estimation for Swiss Passenger traffic scoping study	9	3	30
00/01	SBB, GVF	Bi-modal choice model for long distance traffic	4	25	50
00/01	SVI	Activity oriented person transport models	12	3	25
99/11	Dr. Herry, Wien	Update of the Austrian Road Accounts	18	10	10
98/08	FWF	Household structure, spatial structure and travel behaviour	24	25	25
98/06	BMFT	Mobi-Plan	30	190	1200
98/06	BMFT	Mobi-Drive	24	100	375
97/01	DG VII	Technologies for European surveys of travel behaviour	24	250	1900
97/01	DG VII	TASTe	24	35	-
95/04	BMWVK	Pilotstudy "Long distance travel diaries"	9	15	80
96/01	DG VII	Methods for European surveys of travel behaviour	36	250	800
96/01	DG VII	TAPE	12	75	-
96/01	DG XIII	InfoTEN	3	18	-
95/11	EPSRC	Pedestrian route choice: a disaggregate analysis	24	(142)	142
95/11	EPSRC	Modelling and Assessing Synergies in the Implementation of Multiple Advanced Traveller Information and Pricing Systems	36	(180)	180
93/11	SERC	Object-oriented model of daily travel behaviour in ATT environment,	20	96	96

Start (Year/ Month)	Sponsor	Title	Duration [Month]	Budget [k€]	Total project budget [k€]
93/11	DG XI	An integrated transport model for the European Community,	12	16	1400
93/09	SERC	Updating of mental maps	36	30	30
93/08	DG VII	Advice on the scope and contents of transport research in the Fourth Framework Programme	2	33	33
93/03	CEST	Review of the behavioural impact of information technologies in transport	2	5	5
93/01	SERC	Modelling mode choice across the day: An activity-oriented analysis,	24	104	104
92/07	DoT	Survey of parking search times in London	5	6	-
92/07	FGSV	Review of the effectiveness of monetary demand management tools	5	2	-
92/06	BMV, Bonn	Review of UK Panel studies in transport	3	8	-
91/03	City of Frankfurt	Parking Guidance Monitoring Study Frankfurt am Main	30	15	-
89/01	DG XIII	ICARUS - Simulation of traffic flow	36	»200	-
89/01	DG XIII	EUROTOPP - European Transport Planning Process	36	»200	-
89/01	DG XIII	Strategies for integrated demand management	24	»130	»130
88/09	DFG	Parking choice and geographical knowledge	18	»75	»75
87/01	DFG	Simulation of bicycling on urban roads	24	»100	»100
86/09	DFG	A simulation model of the interactions between parking and travel demand in urban areas	24	»100	»100