

## Employment

### Graz University of Technology

Institute of Highway Engineering and Transport Planning (2090)

Graz University of Technology (90000)

Graz, Austria

2 May 2005 → present

Martin Fellendorf

Graz University of Technology

Institute of Highway Engineering and Transport Planning (2090)



## Research output

### Light Rail Hubs in a Multimodal Transport Environment

Smoliner, M., Walter, S. & Fellendorf, M., Sep 2016, *13th National Light Rail and Streetcar Conference: Transforming Urban Areas*. Washington, DC: Transportation Research Board, Vol. E-C213. p. 299-316 17 p.

### Energiebetrachtung von Hybridbussen unter Einfluss des Fahrverhaltens

Haberl, M., Fellendorf, M. & Kies, A., 2015, In: *Straßenverkehrstechnik*. 9, p. 575-583

### Robust Methodological Approach for a Long-Term Upgrade Strategy for Light Rail and Regional Rail

Walter, S. & Fellendorf, M., 11 Jan 2015.

### Flüssigkeit des Verkehrs im Blickwinkel einer angebotsorientierten Planung

Fellendorf, M., 2015, *Leichtigkeit und Flüssigkeit des Verkehrs 2.0*. Wien: FSV Verlag, p. 25-28

### Impact of Vehicle-to-Infrastructure communication on traffic flow, safety, and environment

Neuhold, R., Gerstenberger, M., Geßenhardt, J. & Fellendorf, M., 2015, *Technologies, Solutions and Perspectives for Intelligent Transport Systems*. .., p. 1-12

### Lenken und Leiten des städtischen Verkehrs

Fellendorf, M. & Kohla, B., 2015, In: *Elektrotechnik und Informationstechnik*. 7.2015, p. 389-394

### Long-Term Upgrade Strategy for Light Rail and Regional Rail

Walter, S. & Fellendorf, M., 2015, In: *Transportation Research Record*. 2534, p. 38-47

### Nachfrageorientiertes Priorisierungssystem für die ländliche Straßenerhaltung

Sturm, P. & Fellendorf, M., 2015, In: *ZfV*. 3, p. 164-172

### Travel time estimation on motorways based on reconstructed vehicle trajectories

Neuhold, R. & Fellendorf, M., 2015, *World Congress on Intelligent Transport Systems*. .., p. 1-12

### Energiebetrachtung von Hybridbussen unter Einfluss des Fahrverhaltens

Haberl, M., Fellendorf, M. & Kies, A., 2014, *Heureka`14*. FGSV Verlag GmbH, p. 524-538

### Mobilfunkbewegungsdaten als Erweiterung der Datengrundlage für Verkehrsmodelle

Cik, M., Fellendorf, M. & Vogel, J., 2014, *HEUREKA*. Köln: Forschungsgesellschaft für Straßen- und Verkehrswesen e.V., p. 190-204

### **Reisezeitschätzung auf Autobahnen mittels rekonstruierter Einzelfahrzeugtrajektorien**

Neuhold, R. & Fellendorf, M., 2014, (Accepted/In press) *Heureka 14 - Optimierung in Verkehr und Transport*. FGSV Verlag

### **Volume-delay functions based on stochastic capacity**

Neuhold, R. & Fellendorf, M., 2014, In: *Transportation Research Record*. 2421, p. 93-102

### **Volume-delay functions based on stochastic capacity**

Neuhold, R. & Fellendorf, M., 2014, *93rd TRB Annual Meeting (2014)*. Washington: TRR, p. 1-14

## **Activities**

### **Grundlagen der Simulation für die Verkehrssicherheit (Mikro- und Makroprognosen) und Verkehrsbeeinflussung**

Martin Fellendorf (Speaker)

15 Mar 2022

### **DAS Verkehrsingenieurwesen**

Martin Fellendorf (Speaker)

13 Dec 2021 → 15 Dec 2021

### **ETH Zurich**

Martin Fellendorf (Visitor)

22 Oct 2021 → 15 Dec 2021

### **DAS Verkehrsingenieurwesen**

Martin Fellendorf (Speaker)

21 Oct 2021 → 22 Oct 2021

### **Metro Graz**

Martin Fellendorf (Speaker)

3 Sep 2021

### **Fahrgastprognosen – wie kommt der Fahrgast in den Rechner?**

Martin Fellendorf (Speaker)

2 Sep 2021

### **Beurteilung automatisierter Fahrfunktionen**

Martin Fellendorf (Speaker) & Andreas Tauss (Contributor)

14 Oct 2020

### **Forschungsergebnisse automatisiertes Fahren - Wie funktioniert es?**

Martin Fellendorf (Speaker)

1 Oct 2020

### **Verkehrsplanung in Graz - mit Maß und Zahl**

Martin Fellendorf (Speaker)

7 Nov 2019

### **Autonomes Fahren**

Martin Fellendorf (Speaker)

21 May 2019

**Traffic flow Simulation to test automated driving - latest results in Austria**

Martin Fellendorf (Agent)

19 Mar 2019

**Mobilität der Zukunft - der reale Stau und die virtuelle Welt**

Martin Fellendorf (Speaker)

18 Mar 2019

**Neue Technologien (Mobilfunkdaten) ermöglichen neue Chancen**

Martin Fellendorf (Speaker)

12 Feb 2019

**Technologie der Datenerfassung im Straßenbetrieb**

Martin Fellendorf (Speaker)

30 Jan 2019

**Last Mile flankiert eine Dekarbonisierung**

Martin Fellendorf (Speaker)

4 Dec 2018

**Verkehrsinfrastruktur**

Martin Fellendorf (Speaker)

29 Nov 2018

**(R)adOmnes & FAMOS - two bicycle relates Research projects**

Martin Fellendorf (Speaker), Cornelia Hebenstreit (Speaker) & Alex Van Dulmen (Contributor)

25 Sep 2018

**Automatisiertes Fahren**

Martin Fellendorf (Speaker)

21 Sep 2018

**Maßnahmen zur Verbesserung der Luftqualität in Graz, Quantifizierung und Beurteilung**

Martin Fellendorf (Speaker) & Stefan Hausberger (Speaker)

19 Sep 2018

**Automatisiertes Fahren und die Auswirkungen auf die Straßeninfrastruktur**

Martin Fellendorf (Speaker)

5 Jul 2018

**Automatisiertes Fahren - Interaktion zwischen Straße und Fahrzeug**

Martin Fellendorf (Speaker) & Michael Wimmesberger (Speaker)

17 May 2018

**Automatisierung im Mischverkehr**

Martin Fellendorf (Speaker)

11 Dec 2017

**Fußwege- und Radwegefreundliche Städte: Die Zusammenhänge zwischen Städtebau und Mobilität sowie die Folgen für das Verkehrsaufkommen**

Alex Van Dulmen (Speaker) & Martin Fellendorf (Contributor)

15 Nov 2017

**Rechtliche Aspekte – automatisiertes Fahren: Straßeninfrastruktur**

Martin Fellendorf (Speaker)

14 Nov 2017

**Travel demand estimation of cable cars supplementing Public Transport**

Karl Hofer (Speaker), Michael Haberl (Contributor) & Martin Fellendorf (Contributor)  
14 Sep 2017

**Sommerakademie des Instituts für Straßen- und Verkehrswesen: Auf die Räder, fertig, los!**

Alex Van Dulmen (Organiser) & Martin Fellendorf (Organiser)  
13 Sep 2017

**Sommerakademie des Instituts für Straßen- und Verkehrswesen**

Martin Fellendorf (Participant)  
13 Sep 2017

**Verkehrsdaten und Radverkehrsmodellierung**

Alex Van Dulmen (Speaker), Cornelia Hebenstreit (Speaker), Martin Loidl (Speaker) & Martin Fellendorf (Contributor)  
13 Sep 2017

**Simulation Application**

Martin Fellendorf (Speaker)  
13 Jul 2017

**How traffic flow simulation can teach automated driving**

Martin Fellendorf (Speaker)  
12 Jul 2017

**Simulation assisted impact analyses of automated driving on motorways for different levels of automation and penetration**

Michael Haberl (Speaker), Martin Fellendorf (Contributor), Robert Neuhold (Contributor), Arno Eichberger (Contributor), Branko Rogic (Contributor), Andreas Kerschbaumer (Contributor) & Martin Rudigier (Contributor)  
4 Jul 2017 → 5 Jul 2017

**Floating Phone Data to improve the understanding of Mobility**

Martin Fellendorf (Speaker) & Michael Cik (Speaker)  
15 Jun 2017

**(R)adOmnes - Aktive Mobilität und Gesundheit – Emissionsarmes Routing und Förderung der aktiven Mobilität im Alltag**

Alex Van Dulmen (Speaker) & Martin Fellendorf (Contributor)  
8 Jun 2017

**Automatisiertes Fahren**

Martin Fellendorf (Speaker)  
8 Jun 2017

**Vehicular Lab - Mobi Lab**

Martin Fellendorf (Speaker)  
2 Jun 2017

**Straße und Infrastruktur**

Martin Fellendorf (Speaker)  
17 May 2017

**Straße und Infrastruktur**

Martin Fellendorf (Speaker)  
17 May 2017

**Verkehrsmodellgestützte Nachfragepotentialermittlung eines urbanen Seilbahnsystems am Beispiel der Stadt Graz**

Michael Haberl (Speaker), Martin Fellendorf (Contributor) & Karl Hofer (Contributor)  
22 Mar 2017 → 23 Mar 2017

**Transportation Research Board Annual Meeting**

Martin Fellendorf (Participant)  
10 Jan 2017

**Ende des fossilen KFZ-Verkehrs 2030?**

Martin Fellendorf (Speaker)  
14 Nov 2016

**FSV Workshop**

Martin Fellendorf (Speaker)  
24 Oct 2016

**Where can SSAM support Safety Analysis – An Austrian Example**

Michael Haberl (Speaker), Cornelia Hebenstreit (Contributor) & Martin Fellendorf (Contributor)  
10 Oct 2016 → 14 Oct 2016

**Estimating the demand of a cable car system as part of public transport in Graz**

Karl Hofer (Speaker), Michael Haberl (Contributor) & Martin Fellendorf (Contributor)  
7 Oct 2016

**Travel Demand Modelling of Touristic Trips in the Province of Salzburg**

Karl Hofer (Speaker), Michael Haberl (Contributor) & Martin Fellendorf (Contributor)  
5 Oct 2016

**Universitätstagung**

Martin Fellendorf (Organiser), Manuel Lienhart (Organiser) & Karl Hofer (Organiser)  
18 Sep 2016 → 20 Sep 2016

**Universitätstagung Verkehrswesen 2016**

Karl Hofer (Organiser), Manuel Lienhart (Organiser) & Martin Fellendorf (Organiser)  
18 Sep 2016 → 20 Sep 2016

**International STREETLIFE Symposium**

Martin Fellendorf (Speaker)  
16 Sep 2016

**12. Sommerakademie des ISV**

Martin Fellendorf (Organiser)  
8 Sep 2016

**ETH Zürich**

Martin Fellendorf (Visitor)  
7 Dec 2015 → 11 Dec 2015

**DWVG Vortragsveranstaltung**

Martin Fellendorf (Speaker)  
19 Nov 2015

**25. PTV Vision Traffic Anwenderseminar**

Martin Fellendorf (Speaker)  
6 Oct 2015

**Institute of Highway Engineering and Transport Planning (2090) (Organisational unit)**

Martin Fellendorf (Chair)  
1 Jul 2015

**Österreichische Forschungsgesellschaft Straße - Schiene - Verkehr (External organisation)**

Martin Fellendorf (Chair)  
1 Jul 2015

**Österreichische Verkehrswissenschaftliche Gesellschaft (External organisation)**

Martin Fellendorf (Chair)  
1 Jul 2015

**Internationaler Workshop "Dreispurige Straßen - neue Erfahrungen"**

Martin Fellendorf (Speaker)  
29 Apr 2015 → 30 Apr 2015

**Fortbildungsveranstaltung des ScienceCenter-Netzwerk**

Martin Fellendorf (Keynote speaker)  
1 Dec 2014

**Urban Future Global Conference**

Martin Fellendorf (Speaker)  
19 Nov 2014

**KTC International Press Trip**

Martin Fellendorf (Speaker)  
6 Nov 2014 → 7 Nov 2014

**Österreichische Forschungsgesellschaft Straße-Schiene-Verkehr (External organisation)**

Martin Fellendorf (Chair)  
1 Nov 2014 → 31 Oct 2022

**5. Tagung "Mobilitätsmanagement von Morgen"**

Martin Fellendorf (Speaker)  
15 Oct 2014

**1. Grazer BIM Tagung**

Martin Fellendorf (Speaker)  
5 Sep 2014 → 6 Sep 2014

**1. Grazer BIM Tagung**

Detlef Heck (Organiser) & Martin Fellendorf (Organiser)  
5 Sep 2014 → 6 Sep 2014

**Erkennung von Wegetappen und Verkehrsmitteln für Mobilitätsmessungen mit mobilen Erhebungsgeräten**

Martin Fellendorf (Agent)  
1 Sep 2014

**Methoden zur Analyse und Prognose des Verkehrsaufkommens unter Berücksichtigung des Wetters auf Autobahnen**

Martin Fellendorf (Agent)  
1 Sep 2014

**Mobilfunkdaten als Erweiterung der Datengrundlage für Verkehrsmodelle**

Martin Fellendorf (Agent)

1 Sep 2014

**Österreichische Forschungsgesellschaft Straße - Schiene - Verkehr (External organisation)**

Martin Fellendorf (Chair)

1 Sep 2014

**Österreichische Verkehrswissenschaftliche Gesellschaft (External organisation)**

Martin Fellendorf (Chair)

1 Sep 2014

**4. Workshop im Rahmen der Green Tech Research Styria Workshop Reihe "Grüne Mobilität"**

Martin Fellendorf (Speaker)

9 Jul 2014

**Verkehrswegeplanung unter Berücksichtigung von Umweltaspekten**

Martin Fellendorf (Speaker)

21 May 2014

**Vom isolierten Verkehrsmittelangebot zum integrierten Mobilitätsservice**

Martin Fellendorf (Speaker)

8 Apr 2014

**Shape Grammars for Urban Network Design**

Martin Fellendorf (Agent)

1 Feb 2014

**ETH Zürich**

Martin Fellendorf (Visitor)

9 Dec 2013 → 13 Dec 2013

**Die Zukunft der Mobilität**

Martin Fellendorf (Speaker)

19 Nov 2013

**Verkehrssicherheit und Verkehrsüberwachung**

Kurt Fallast (Organiser), Gertrud Mawid (Organiser) & Martin Fellendorf (Organiser)

16 Sep 2013

**54th Photogrammetric Week**

Martin Fellendorf (Speaker)

12 Sep 2013 → 13 Sep 2013

**GIP.at – Digitales Verkehrsnetz Österreich Organisatorische und technische Entwicklung eines österreichweiten routingfähigen Verkehrsbezugsystems**

Martin Fellendorf (Agent)

1 Sep 2013

**Österreichische Forschungsgesellschaft Straße - Schiene - Verkehr (External organisation)**

Martin Fellendorf (Chair)

1 Sep 2013

**Österreichische Verkehrswissenschaftliche Gesellschaft (External organisation)**

Martin Fellendorf (Chair)

1 Sep 2013

**FSV Veranstaltung "10 Jahre Rust"**

Martin Fellendorf (Speaker)

26 Apr 2013

**Vestra Anwendertreffen**

Martin Fellendorf (Speaker)

16 Apr 2013 → 17 Apr 2013

**TRB Annual Meeting**

Martin Fellendorf (Speaker)

12 Jan 2013 → 16 Jan 2013

**Kalibrierung der Verkehrsverteilung mittels diskretem Individualverhaltensmodell gezeigt am Beispiel heimgebundener Wege zum Arbeitsplatz in Wien**

Martin Fellendorf (Agent)

1 Sep 2012

**Österreichische Forschungsgesellschaft Straße - Schiene - Verkehr (External organisation)**

Martin Fellendorf (Chair)

1 Sep 2012

**Österreichische Verkehrswissenschaftliche Gesellschaft (External organisation)**

Martin Fellendorf (Chair)

1 Sep 2012

**6. PM Bau Symposium 2012**

Martin Fellendorf (Speaker)

14 Jun 2012

**ÖVG-Jahrestagung 2012 "Innovative Steiermark - Attraktive Verkehrslösungen"**

Martin Fellendorf (Speaker)

13 Jun 2012

**Faculty of Civil Engineering Sciences (2000) (Organisational unit)**

Martin Fellendorf (Member)

1 Jun 2012 → 4 Jun 2013

**RegioMove**

Martin Fellendorf (Speaker)

26 Apr 2012

**PTV Vision Users Group Meeting 2012**

Martin Fellendorf (Speaker)

20 Apr 2012 → 21 Apr 2012

**2012 International Conference on System Simulation**

Martin Fellendorf (Speaker)

6 Apr 2012 → 9 Apr 2012



**Communications and Marketing (95100) (Organisational unit)**

Martin Fellendorf (Chair)  
26 Mar 2012

**World Conference on Transport**

Martin Fellendorf (Speaker)  
13 Nov 2011 → 17 Nov 2011

**Österreichische Forschungsgesellschaft Straße - Schiene - Verkehr (External organisation)**

Martin Fellendorf (Chair)  
1 Sep 2011

**Summer School**

Martin Fellendorf (Speaker)  
11 Jul 2011 → 25 Jul 2011

**Universidad de los Andes**

Martin Fellendorf (Visitor)  
10 Jul 2011 → 26 Jul 2011

**ENERGYCITY Conference**

Martin Fellendorf (Speaker)  
10 Jun 2011

**ITS European Congress and Exhibition on Intelligent Transport Systems and Services**

Martin Fellendorf (Speaker)  
7 Jun 2011 → 9 Jun 2011

**Faculty of Civil Engineering Sciences (2000) (Organisational unit)**

Martin Fellendorf (Chair)  
1 Jun 2011

**Faculty of Mathematics, Physics and Geodesy (5000) (Organisational unit)**

Martin Fellendorf (Member)  
1 Jan 2011 → 1 May 2011

**20te PTV vision Anwendertreffen**

Martin Fellendorf (Speaker)  
21 Oct 2010 → 22 Oct 2010

**20th International PTV vision User Group Meeting**

Martin Fellendorf (Speaker)  
19 Oct 2010 → 20 Oct 2010

**Straßenentwurf im Wandel**

Martin Fellendorf (Organiser), Thomas Reiter (Organiser) & Gertrud Mawid (Organiser)  
9 Sep 2010

**Mikroskopische Simulation der Emissionen von Personenkraftfahrzeugen**

Martin Fellendorf (Agent)  
1 Sep 2010

**Österreichische Forschungsgesellschaft Straße - Schiene - Verkehr (External organisation)**

Martin Fellendorf (Chair)

1 Sep 2010

**AGIT 2011 - ITS.insight**

Martin Fellendorf (Speaker)

6 Jul 2010 → 8 Jul 2010

**Methoden in der Verkehrswissenschaft**

Martin Fellendorf (Speaker)

4 Mar 2010

**Avances y experiencias en investigación de tránsito con el software de micro-simulación VISSIM**

Martin Fellendorf (Speaker)

17 Feb 2010 → 22 Feb 2010

**Universidad de los Andes**

Martin Fellendorf (Visitor)

17 Feb 2010 → 23 Feb 2010

**Verkehrsmodell AT-SK**

Martin Fellendorf (Speaker)

9 Dec 2009

**CVIS (Cooperating Vehicle Infrastructure Systems) training workshop - The connected traveller**

Martin Fellendorf (Speaker)

2 Dec 2009 → 3 Dec 2009

**19. International PTV vision User Group Meeting**

Martin Fellendorf (Speaker)

15 Oct 2009 → 17 Oct 2009

**Steuern wir richtig? Lichtsignalanlagen auf dem Prüfstand**

Martin Fellendorf (Organiser), Gertrud Mawid (Organiser) & Kurt Fallast (Organiser)

11 Sep 2009

**Simulation of Surrounding Vehicles in Driving Simulators**

Martin Fellendorf (Agent)

23 Apr 2009

**Verkehrstelematik in Graz - Werkstattberichte II**

Martin Fellendorf (Speaker)

20 Nov 2008

**ÖGL Symposium "Grabenlos 2008"**

Martin Fellendorf (Speaker)

14 Oct 2008

**Traffic Simulation Workshop**

Martin Fellendorf (Organiser), Gertrud Mawid (Organiser) & Michael Cik (Organiser)

30 Jun 2008 → 2 Jul 2008

**Faculty of Civil Engineering Sciences (2000) (Organisational unit)**

Martin Fellendorf (Chair)

16 Jun 2008 → 30 Jun 2009

**Cities of Tomorrow**

Martin Fellendorf (Speaker)  
11 Jun 2008 → 13 Jun 2008

**Forschungs-Centrum Netzindustrien und Infrastruktur (CNI)**

Martin Fellendorf (Speaker)  
31 Jan 2008

**An agent-based model to simulate motorcycle behaviour in mixed traffic flow, PhD thesis, Imperial College London, UK**

Martin Fellendorf (Agent)  
9 Jan 2008

**18. Anwendertreffen PTV Vision**

Martin Fellendorf (Speaker)  
26 Oct 2007 → 27 Oct 2007

**GPS based velocity estimation and its application to an odometer**

Martin Fellendorf (Agent)  
1 Sep 2007

**Institute of Highway Engineering and Transport Planning (2090) (Organisational unit)**

Martin Fellendorf (Member)  
1 Sep 2007

**Verkehr lenken durch Information -Sommerakademie des ISV**

Martin Fellendorf (Speaker)  
29 Jun 2007

**AlumniTalks Infrastruktur Symposium**

Martin Fellendorf (Speaker)  
15 Jun 2007

**Advances in Traffic Management**

Martin Fellendorf (Speaker)  
28 Feb 2007

**IVT Seminar Verkehrsmanagement und Verkehrsplanung**

Martin Fellendorf (Speaker)  
1 Dec 2005

**PM10 Herausforderung oder Schicksal**

Martin Fellendorf (Speaker)  
18 Nov 2005

**PTV Vision User Group Meeting**

Martin Fellendorf (Speaker)  
2 Nov 2005 → 4 Nov 2005

**Mobilitätsforum**

Martin Fellendorf (Speaker)  
13 Oct 2005

## **Workshop on Traffic Modelling, Traffic Behavior and Simulation**

Martin Fellendorf (Speaker)  
19 Sep 2005 → 23 Sep 2005

## **Projects**

### **16\_FFG\_IMPROVE - Optimal infrastructure planning by considering new vehicle technologies in the traffic simulation**

Fellendorf, M., Bischof, H. & Tomasch, E.  
1/10/16 → 30/09/19

### **21\_FFG\_InVADE - Integrated Vehicle-in-the-Loop for Automated Driving and E-mobility**

Fellendorf, M., Tomasch, E. & Eichberger, A.  
1/10/21 → 30/09/24

### **AGETOR - Analysis of movement of persons in streams Real-time based on data from mobile and social media to ensure the safety at major events in urban and non-urban space**

Fellendorf, M., Hebenstreit, C. & Cik, M.  
1/12/13 → 30/09/15

### **AundWRH - Live and Work in Smart City Reininghaus**

Hofer, K., Rainer, E., Kohla, B. & Fellendorf, M.  
1/09/15 → 31/08/16

### **auto.WAVES - Autonomous Driving - impact analysis on transportation, energy and urban environment of the Vienna region**

Fellendorf, M.  
1/01/18 → 31/12/19

### **AUTONOM - Analysis, evaluation and requirements of autonomous vehicles from a transport policy perspective**

Fellendorf, M.  
24/10/16 → 23/10/17

### **AVESTRA - Analysis of autonomous transport systems in urban areas**

Fellendorf, M. & Neuhold, R.  
1/03/14 → 29/05/15

### **BikeAlytics - Bicycle analysis based on anonymised mobile phone data in the city of Graz**

Fellendorf, M.  
1/03/22 → 28/02/23

### **BLIDS-2 Bluetooth Traffic DataC - Traffic measurement based on Bluetooth technology**

Stadlober, E., Fallast, K., Pfeiler, B. & Fellendorf, M.  
1/05/05 → 31/05/06

### **Busverkehre NÖ - Passenger survey in buses by floating phone data**

Fellendorf, M.  
1/04/19 → 31/12/19

### **Detekt - Optimizing detector location for traffic state analysis**

Marauli, A., Bergmann, U. & Fellendorf, M.  
1/11/06 → 31/10/07

### **DynMaut - Dynamic Tolling: Electronic charge of (street use) toll for prevention of congestion and air pollution control through intelligent traffic manipulation using user-specific variable toll rates**

Reiter, T. & Fellendorf, M.

1/11/08 → 31/12/09

**eCiLo - Feasibility analysis for an electronic city-logistic system**

Fellendorf, M.

1/07/12 → 30/06/13

**EHEV - Eco Drive for Hybrid Electric Vehicles**

Haberl, M. & Fellendorf, M.

1/01/10 → 31/01/13

**EkoZara - Emission minimizing ramp metering for multiple motorway entries**

Hausberger, S., Fellendorf, M. & Cik, M.

1/03/10 → 29/02/12

**EkoZara - Emission minimizing ramp metering for multiple motorway entries**

Cik, M., Kraschl-Hirschmann, K., Hausberger, S., Fellendorf, M. & Fenzl, R.

1/02/10 → 31/01/12

**ERB - Demand modelling and cost-benefit analysis**

Haberl, M., Cik, M. & Fellendorf, M.

13/01/14 → 15/01/15

**EU - COLOMBO - Cooperative systems for energy efficient and sustainable mobility**

Hebenstreit, C., Hausberger, S., Haberl, M., Eichseder, H. & Fellendorf, M.

30/10/12 → 16/07/15

**EU - Equal-Life - Early Environmental quality and life-course mental health effects**

Fellendorf, M.

1/01/20 → 31/12/23

**EuRISS Saalachtal-Intermodal - Advanced Traffic Information System**

Fallast, K., Kerler, A., Berger, M., Cik, M. & Fellendorf, M.

1/10/06 → 31/12/07

**FamoS - Bicycle transport models to assist reorganizing planning of urban road space**

Fellendorf, M.

1/09/16 → 31/08/18

**GAve - Graz Adaptive Traffic Control System**

Hausberger, S., Kraschl-Hirschmann, K., Cik, M., Rexeis, M., Blassnegger, J., Zallinger, M. S., Haberl, M. & Fellendorf, M.

1/02/07 → 31/12/08

**GIP - graph integration platform**

Hebenstreit, C. & Fellendorf, M.

1/01/14 → 1/01/14

**GKB Weißbuch 2025 - GKB White Paper 2025**

Fellendorf, M. & Walter, S.

1/07/12 → 30/09/13

**Graz Verkehr - city cross-border traffic Graz**

Fellendorf, M.

29/09/21 → 31/07/22

**GUARD - Guaranteed Ride Home**

Haberl, M., Marauli, A., Hansmann, F. & Fellendorf, M.  
1/03/08 → 31/01/11

**GÜMORE - Freight Transport Model for the Eastern Region**

Fellendorf, M.  
1/06/18 → 31/05/21

**GVK St. Pölten - General Traffic Concept St. Pölten**

Fellendorf, M.  
15/07/12 → 31/12/13

**GVK St. Pölten - overall traffic concept**

Haberl, M., Reiter, T. & Fellendorf, M.  
1/07/12 → 31/12/13

**HEAt - Optimized system of traffic sensors and large scale data analysis to identify traffic states**

Fellendorf, M.  
1/07/19 → 31/12/20

**HF11-037\_I live Graz - smart people create their smart city**

Hauer, E., Lechner, A., Maydl, P., Wall, J., Löschnig, W., Narodoslawsky, M., Ferk, H., Mach, T., Hofbauer, C., Hasewend, B., Krall, E., Passer, A., Wakonig-Lüking, T., Eichberger, A., Fellendorf, M., Breitwieser, H., Bogensberger, M., Fallast, K., Gruber, G., Cody, B., Trajanoska, B., Fuchs-Hanusch, D., Fickert, L., Pluta-Fürst, A., Schnitzer, H. & Rainer, E.  
2/04/11 → 30/06/12

**IEM - Intelligent efficient mobility in border areas Bavaria-Salzburg-Tyrol**

Haberl, M., Fellendorf, M., Neuhold, R. & Cik, M.  
1/01/08 → 31/01/12

**IMAGINE - Innovative measures to smooth out peaks in demand and efficient use of capacity**

Fellendorf, M.  
1/02/21 → 31/01/22

**IMPAKT - Indicators for a multi-criteria parameter-analysis of cooperative transport systems**

Neuhold, R. & Fellendorf, M.  
1/06/11 → 31/08/14

**IoT - Traffic Events**

Fellendorf, M.  
1/09/20 → 28/02/22

**KATinka - Estimate requirements on public spaces for transmodal active mobility**

Fellendorf, M.  
1/09/19 → 30/06/21

**KombiMo II - Mobility hubs in the city of Graz**

Fellendorf, M., Rainer, E., Fabian, J. & Kohla, B.  
1/07/15 → 30/06/18

**KombiMo III - Integrated Mobility for all, Level III**

Fellendorf, M. & Brunner, H.  
1/12/18 → 30/11/21

**KOMOD - Concept study mobility data Austria**

Reiter, T. & Fellendorf, M.

1/11/10 → 31/07/11

**Korridorstudie VOR - corridor study - VOR**

Fellendorf, M.

1/04/22 → 31/12/22

**Korridorstudie Wien 2020 - Corridorstudy Vienna 2020 - Analysis of mobile phone data**

Fellendorf, M.

1/08/20 → 30/06/21

**LaneS – C-ITS - Automatic generation of navigation lane specific networks in urban areas for cooperative driving**

Fellendorf, M.

1/09/16 → 28/02/18

**LaneS - LaneS - floating car data**

Fellendorf, M.

1/03/15 → 31/08/16

**Leitfaden VBM - Guidelines on requirements of measures for traffic calming**

Fellendorf, M.

15/09/07 → 31/12/07

**MatchSim - Multi modal trip chain simulation for individual daily routines**

Fellendorf, M.

1/04/15 → 31/03/17

**MixME - Mixed Traffic Microsimulation Environment**

Kraschl-Hirschmann, K. & Fellendorf, M.

1/03/10 → 31/01/12

**Mobilitätserhebung Zentralraum Graz - Mobility surveys in central region of Graz**

Fellendorf, M.

1/01/22 → 31/07/22

**Mobilitätslabor Graz - Urban Mobility Lab Graz**

Kohla, B., Fellendorf, M., Rainer, E. & Hebenstreit, C.

1/03/15 → 29/02/16

**move2zero - Full decarbonisation of an urban public transport bus system and integration of innovative on-demand services**

Fellendorf, M. & Brunner, H.

1/05/19 → 30/04/23

**MOZART III - Traffic signal control optimization Hamburg**

Fellendorf, M.

1/07/20 → 30/03/21

**MULTIMOOPT - Multimodal optimization of transport infrastructure by P + R management solutions**

Fellendorf, M.

30/06/18 → 31/03/20

**MUM 2030+ - Modern Urban Mobility Graz 2030+**

Veit, P. & Fellendorf, M.

1/11/19 → 1/12/20

**Nachfrage Werndorf - Travel Demand Werndorf - Spielfeld**

Fellendorf, M.

10/05/21 → 31/12/21

**Nachfragematrizen Oö - Origin-destination matrices for Upper-Austria based on floating phone data**

Fellendorf, M.

1/07/16 → 30/09/16

**NawiMop - know demand, plan mobility**

Fellendorf, M., Cik, M. & Kohla, B.

1/01/14 → 30/06/16

**ODIMAK - Optimised Dimensioning Process for highway intersection**

Cik, M. & Fellendorf, M.

1/07/12 → 31/12/13

**ODIMAST - Optimization of connection points in terms of capacity and traffic safety**

Hebenstreit, C. & Fellendorf, M.

1/07/13 → 30/12/14

**ÖV-Strategie Graz - Public transport strategy Graz - transport modelling**

Fellendorf, M.

24/11/21 → 30/03/22

**Pannestreifen - Impact of shoulder lanes within the motorway network**

Fellendorf, M.

23/01/18 → 30/09/18

**Radkersburg - Attraction of railway link to Radkersburg - Railway Line Spielfeld-Straß - Radkersburg; Determination of requirements for a advancement or follow-up solution**

Veit, P., Fellendorf, M., Smoliner, M. & Hofer, K.

1/03/16 → 31/12/16

**RadOmnes - Pushing bicycle transport for everyday mobility**

Fellendorf, M.

1/09/16 → 31/08/17

**REFEREE - Referencing and evaluation of traffic-technical effects**

Neuhold, R. & Fellendorf, M.

1/09/11 → 1/08/13

**RegioSeilbahn - Ropeways in regional public passenger transport**

Fellendorf, M.

1/04/22 → 30/03/25

**Reisenfrequenzzählung - Traveller countings by electronic measurement**

Fellendorf, M. & Cik, M.

1/10/16 → 28/02/17



**Research Topic 1: Modelling of transport systems**

Neuhold, R., Haberl, M., Cik, M., Kohla, B., Fellendorf, M. & Hebenstreit, C.  
1/01/06 → ...

**Research Topic 2: Traffic Management**

Kohla, B., Neuhold, R., Cik, M., Haberl, M., Fellendorf, M. & Hebenstreit, C.  
1/01/05 → ...

**Research Topic 3: Transportation and environment**

Haberl, M., Cik, M., Hebenstreit, C., Fellendorf, M., Kohla, B., Neuhold, R., Fallast, K. & Lienhart, M.  
1/01/98 → ...

**Ropeway - Travel demand assessment of a ropeway in multimodal urban transport**

Fellendorf, M.  
1/03/15 → 29/02/16

**ROPEWAY\_POT II - Potential for a fully-integrated cable-car for passenger transport and goods "last mile" chain**

Fellendorf, M. & Hafner, N.  
1/03/17 → 1/03/19

**SceneGen - Intelligent Scenario generation for test and validation of highly automated driving functions**

Fellendorf, M. & Eichberger, A.  
1/01/18 → 31/12/18

**SceneGen II - Intelligent Scenario generation for test and validation of highly automated driving functions**

Eichberger, A. & Fellendorf, M.  
1/01/19 → 31/12/19

**Schibo - Road and rail traffic noise - effects on physiological parameters regarding the subjective estimation**

Cik, M., Fellendorf, M. & Fallast, K.  
1/12/06 → 30/11/08

**SHARE - Steiermark Hybrid Advanced Road Efficiency- Emission optimising in local adaptive traffic signal control and tactical driving in public transport**

Roth, P., Fellendorf, M., Haberl, M. & Bischof, H.  
1/07/11 → 31/12/13

**Signal coordination Graz: pollution minimising traffic control**

Fellendorf, M.  
1/01/13 → 31/01/15

**SoWAS - Scalable open Pickup & Delivery Locker-System**

Fellendorf, M. & Hafner, N.  
1/07/17 → 30/06/20

**Statistik Personenverkehr - Statistics of Passenger Travel - continuous monitoring**

Fellendorf, M.  
1/05/21 → 31/12/21

**STEK Villach - Urban development concept for the city of Villach**

Fellendorf, M., Kohla, B., Narodoslawsky, M., Rainer, E., Hochenauer, C. & Mach, T.  
1/03/14 → 31/08/15

**Streckensperren Ostbahn - Long term effects of line-closing at the Steirische Ostbahn**

Fellendorf, M. & Veit, P.

1/05/19 → 31/12/19

**Symul8 - Symbiotic simulation platform for the adaptation of traffic rules for automated driving**

Fellendorf, M.

1/10/20 → 30/09/22

**TechnoVEP - Relevance of technological planning tools to support innovative Transportation Technologies**

Platzer, M., Fallast, K. & Fellendorf, M.

1/03/10 → 28/02/11

**Testbed - Test Environment Telematics Austria for Sensory Analysis, Traffic Information and Traffic Control**

Cik, M. & Fellendorf, M.

1/01/09 → 31/07/09

**Traffic Noise Annoyance on Roads Stage 2**

Cik, M., Fellendorf, M. & Fallast, K.

1/06/07 → 30/11/10

**TRIDENT - TRansnational IDENTification of Driver Behaviour for Virtual Test and Validation of Automated Driving**

Eichberger, A. & Fellendorf, M.

1/01/22 → 31/12/24

**UBA Flüssiger Verkehr - Liquid traffic for climate protection and air pollution control**

Fellendorf, M.

1/11/19 → 31/08/22

**UDEQI - Quality Assessment of the Environment Data Collection**

Fellendorf, M., Cik, M. & Lienhart, M.

1/07/16 → 31/12/17

**UltiMOB - Ultimate integrated mobility solutions**

Fellendorf, M.

1/09/19 → 31/08/23

**UML Graz - Urban Mobility Lab - without boundaries**

Fellendorf, M. & Rainer, E.

1/03/18 → 31/03/19

**VaMOS - Regulating traffic at tolling stations by optimizing the division track**

Fellendorf, M.

1/07/16 → 30/06/17

**VaWi - Vorarlberg winter road clearance**

Fellendorf, M.

1/01/12 → 1/01/12

**VBA Wien - Variable Message Signs - Greater Vienna - Traffic Impact Analysis**

Fellendorf, M., Neuhold, R. & Cik, M.

1/07/13 → 28/02/14

**VEGAS - Quality assessment of traffic flow for automated driving on motorway**

Fellendorf, M.

1/07/16 → 30/06/17

**VeGIS - Tool for the connectivity between traffic models and geographical information systems**

Neuhold, R., Marauli, A. & Fellendorf, M.

1/03/10 → 30/09/12

**VEMA Wien - Traffic Management Vienna - feasibility study**

Fellendorf, M.

1/09/05 → 31/10/06

**VerkehrLuft\_Stmk - Impact of transport measures to reduce air pollution in Graz**

Fellendorf, M.

15/07/17 → 31/03/18

**Verkehrsmodell Ostregion - Travel Demand Model of Eastern Austria**

Fellendorf, M.

16/05/17 → 30/04/18

**VIP (I2-LP) - Vienna Region Traffic Information Project**

Fellendorf, M.

1/10/06 → 31/03/08

**VM Ballungsraum - Improvement of traffic quality in metropolitan areas**

Fellendorf, M.

1/07/18 → 30/06/19

**VMI - Mautvignetten - Visual inspection of toll stickers**

Fellendorf, M.

3/06/19 → 31/12/19

**VTRACS - Visual Traffic Counting System**

Fellendorf, M.

1/07/20 → 30/09/21