

Peer-Reviewed Journals

- **Eisenmann, Christine**; Plötz, Patrick (2019): Two methods of estimating long-distance driving to understand range restrictions on EV use. In: *Transportation Research Part D: Transport and Environment* (74), pp. 294-305. DOI: 10.1016/j.trd.2019.08.008
- Buehler, Ralph; Kuhnimhof, Tobias; Bauman, Adrian; **Eisenmann, Christine** (2019): Active Travel as Stable Source of Physical Activity for One Third of German Adults: Evidence from Longitudinal Data. In: *Transportation Research Part A: Policy and Practice* (123), pp. 105-118. DOI: 10.1016/j.tra.2018.09.022
- Brost, Mascha; Ewert, Amelie; **Eisenmann, Christine**; Stieler, Sylvia; Gicklhorn, Katja (2019): Elektrische Klein- und Leichtfahrzeuge – Mobilitätskonzepte mit Zukunftspotenzial? In: *Journal für Mobilität und Verkehr* (2), pp. 41-49. ISSN: 2628-4154
- Chlond, Bastian; **Eisenmann, Christine** (2018): Workshop Synthesis: Behavioral Changes in Travel – Challenges and Implications for their Identification and Measurement. In: *Transportation Research Procedia* (32), pp. 563-572. DOI: 10.1016/j.trpro.2018.10.022
- **Eisenmann, Christine**; Chlond, Bastian; Minster, Clotilde; Jödden, Christian; Vortisch, Peter (2018): Assessing the effects of a mixed-mode design in a longitudinal household travel survey. In: *Transportation*, pp. 1-17. DOI: 10.1007/s11116-018-9879-2
- **Eisenmann, Christine**; Chlond, Bastian; Minster, Clotilde; Jödden, Christian; Vortisch, Peter (2018): Mixed Mode Survey Design and Panel Repetition – Findings from the German Mobility Panel. In: *Transportation Research Procedia* (32), pp. 319-328. DOI: 10.1016/j.trpro.2018.10.058
- **Eisenmann, Christine**; Buehler, Ralph (2018): Are Cars Used Differently in Germany than in California? Findings from annual car-use profiles. In: *Transport Geography* (69), pp. 171-180. DOI: 10.1016/j.jtrangeo.2018.04.022
- **Eisenmann, Christine**; Kuhnimhof, Tobias (2018): Some Pay Much but Many Don't: Vehicle TCO Imputation in Travel Surveys. In: *Transportation Research Procedia* (32), pp. 421-435. DOI: 10.1016/j.trpro.2018.10.056
- Hilgert, Tim; von Behren, Sascha; **Eisenmann, Christine**; Vortisch, Peter (2018): Are Activity Patterns Stable or Variable? An Analysis of Three-year Panel Data. In: *Transportation Research Record: Journal of the Transportation Research Board*. DOI: 10.1177/0361198118773557
- Stark, Juliane; **Weiß, Christine**; Trigui, Rochdi; Franke, Thomas; Baumann, Michael; Jochem, Patrick et al. (2018): Electric Vehicles with Range Extenders: Evaluating the Contribution to the Sustainable Development of Metropolitan Regions. In: *Journal of Urban Planning and Development* 144 (1), pp. 4017023. DOI: 10.1061/(ASCE)UP.1943-5444.0000408
- **Weiß, Christine**; Chlond, Bastian; Knörr, Wolfram; Kämper, Claudia; Bergk, Fabian; Vortisch, Peter (2017): Modellierung von Nutzungsprofilen und resultierenden Umweltwirkungen der deutschen Pkw-Flotte über ein Jahr. In: *Straßenverkehrstechnik* (2017.8), pp. 523-532
- **Weiß, Christine**; Heilig, Michael; Mallig, Nicolai; Chlond, Bastian; Franke, Thomas; Schneiderei, Tina; Vortisch, Peter (2017): Assessing the Effects of a Growing Electric Vehicle Fleet Using a

Microscopic Travel Demand Model. In: *European Journal of Transport and Infrastructure Research EJTIR* 17 (3), pp. 30-345

- Mallig, Nicolai; Heilig, Michael; **Weiß, Christine**; Chlond, Bastian; Vortisch, Peter (2016): Modelling the Weekly Electricity Demand Caused by Electric Cars. In: *Future Generation Computer Systems* (64), pp. 140-150. DOI: 10.1016/j.future.2016.01.014
- Soylyu, Tamer; Anderson, John E.; Böttcher, Nicole; **Weiß, Christine**; Chlond, Bastian; Kuhnimhof, Tobias (2016): Building Up Demand-Oriented Charging Infrastructure for Electric Vehicles in Germany. In: *Transportation Research Procedia* (19), pp. 187-198. DOI: 10.1016/j.trpro.2016.12.079
- **Weiß, Christine**; Chlond, Bastian; Heilig, Michael; Wassmuth, Volker; Vortisch, Peter (2016): Who Uses Freeways and Who Pays for Them? – A Model Based Analysis of Distribution Effects of Different Toll Tariff Systems in Germany. In: *Transportation Research Record: Journal of the Transportation Research Board* (2563), pp. 88-95. DOI: 10.3141/2563-13
- Streit, Tatjana; Allier, Charles-Elie; **Weiß, Christine**; Chlond, Bastian; Vortisch, Peter (2015): Changes in Variability and Flexibility of Individual Travel in Germany. Trends and Drivers. In: *Transportation Research Record: Journal of the Transportation Research Board* (2496), pp. 10-19. DOI: 10.3141/2496-02
- Chlond, Bastian; **Weiß, Christine**; Heilig, Michael; Vortisch, Peter (2014): Hybrid Modeling Approach of Car Uses in Germany on Basis of Empirical Data with Different Granularities. In: *Transportation Research Record: Journal of the Transportation Research Board* (2412), pp. 67-74. DOI: 10.3141/2412-08
- Schröder, Ole; **Weiß, Christine**; Kagerbauer, Martin; Reiss, Nicolas; Reuter, Christian; Schürmann, Rimbart; Pfisterer, Steven (2014): Developing and Evaluating Intermodal E-Sharing Services – A Multi-method Approach. In: *Transportation Research Procedia* (4), pp. 199-212. DOI: 10.1016/j.trpro.2014.11.016
- **Weiß, Christine**; Chlond, Bastian; Heilig, Michael; Vortisch, Peter (2014): Capturing the Usage of the German Car Fleet for a one Year Period to Evaluate the Suitability of Battery Electric Vehicles – A Model Based Approach. In: *Transportation Research Procedia* (1), pp. 133-141. DOI: 10.1016/j.trpro.2014.07.014

Conference Proceedings

- Gicklhorn, Katja; Ewert, Amelie; Brost, Mascha; **Eisenmann, Christine**; Stieler, Sylvia (2019): Light Electric Vehicles in Baden-Württemberg –Potential for industry and new mobility solutions? In: *32nd Electric Vehicle Symposium (EVS32) Compendium of Papers*. Lyon, France
- Hilgert, Tim; **Weiß, Christine**; Kagerbauer, Martin; Chlond, Bastian; Vortisch, Peter (2016): Stability and Flexibility in Commuting Behavior – Analyses of Mode Choice Patterns in Germany. In: *Transportation Research Board (Hg.): TRB 95th Annual Meeting Compendium of Papers*. Washington, D.C., United States
- **Weiß, Christine**; Mallig, Nicolai; Heilig, Michael; Schneidereit, Tina; Franke, Thomas; Vortisch, Peter (2016): How Much Range is Required? A Model Based Analysis of Potential Battery Electric

Vehicle Usage. In Transportation Research Board (Hg.): *TRB 95th Annual Meeting Compendium of Papers*. Washington, D.C., United States

- Chlond, Bastian; Wirtz, Matthias; Streit, Tatjana; **Weiß, Christine**; Vortisch, Peter (2014): Mobility Behavior of Season Ticket Holders in Germany. In Transportation Research Board (Hg.): *TRB 93rd Annual Meeting Compendium of Papers*. Washington, D.C., United States
- Derollepot, Romain; **Weiß, Christine**; Kolli, Zehir; Franke, Thomas; Trigui, Rochdi; Chlond, Bastian et al. (2014): Optimizing Components Size of an Extended Range Electric Vehicle according to the Use Specifications. In Transport Research Arena (Hg.): *5th Transport Research Arena (TRA)*. Paris, France
- Hubert, Jean-Paul; Christensen, Linda; Järvi, Tuuli; Kagerbauer, Martin; Sobrino, Natalia; **Weiß, Christine** (2014): Comparison of travel behaviour in 11 European Countries by use of post-harmonized European national travel surveys. In International Steering Committee for Travel Survey Conferences (ISCTSC) (Hg.): *10th International Conference on Transport Survey Methods*. Leura, Australia
- Kagerbauer, Martin; **Weiß, Christine**; Streit, Tatjana; Vortisch, Peter (2014): Do People Really Act the Way they Think? – Differences between Perceptions and Reality in Mode Choice Behavior. In International Steering Committee for Travel Survey Conferences (ISCTSC) (Hg.): *10th International Conference on Transport Survey Methods*. Leura, Australia
- Stark, Juliane; Klementsitz, Roman; Link, Christoph; **Weiß, Christine**; Chlond, Bastian; Franke, Thomas; Günther, Madlen (2014): Future Scenarios of Electric Vehicles with Range Extender in Austria, Germany and France. In Transport Research Arena (Hg.): *5th Transport Research Arena (TRA) Compendium of Papers*. Paris, France
- Streit, Tatjana; **Weiß, Christine**; Chlond, Bastian; Vortisch, Peter (2014): More Cycling or More Cyclists – Dynamics and Potentials of Bicycle Use in Germany by a Cluster-Based Approach. In Transportation Research Board (Hg.): *TRB 93rd Annual Meeting Compendium of Papers*. Washington, D.C., United States
- **Weiß, Christine**; Kuehn, A.; Schade, W. (2013): Car Purchasing Potential of First Time Buyers in Brazil and Russia. In: *13th World Conference on Transport Research (WCTR) Compendium of Papers*. Rio de Janeiro, Brazil

Books

- **Eisenmann, Christine** (2019): Mikroskopische Abbildung von Pkw-Nutzungsprofilen im Längsschnitt. Dissertation. Institute for Transport Studies, Karlsruhe Institute of Technology. KIT Scientific Publishing. DOI: 10.5445/IR/1000085513

Book Chapters

- Hilgert, Tim; Kagerbauer, Martin; **Weiß, Christine**; Vortisch, Peter (2016): Integrating BEV into daily travel behaviour. In Johannes Schäuble, Patrick Jochem und Wolf Fichtner (Hg.): *Cross-border Mobility for Electric Vehicles: Selected results from one of the first cross-border field tests in Europe*. KIT Scientific Publishing. Karlsruhe, pp. 195-207. DOI: 10.5445/KSP/1000052445

- Kuhnimhof, Tobias; **Weiß, Christine** (2016): Why the car is key to low carbon mobility in Brazil. In Debbie Hopkins und James Higham (Hg.): *Low Carbon Mobility Transitions*. Goodfellow Pub Ltd, pp. 165-177
- Kagerbauer, Martin; Schröder, Ole; **Weiß, Christine**; Vortisch, Peter (2015): Intermodale Mobilität – Elektromobile Fahrzeugkonzepte als Zubringer zum Öffentlichen Verkehr. In Heike Proff (Hg.): *Entscheidungen beim Übergang in die Elektromobilität*. Springer Gabler. Wiesbaden, pp. 567-583