

Tobias Kuhnimhof Veröffentlichungen bis 2018 / Publications up to 2018

Buchveröffentlichungen, Book Publications

- Institute for Mobility Research (Ed.) (2013). Megacity Mobility Culture – How Cities Move on in a Diverse World. Springer, Heidelberg New York Dordrecht London. ISBN 978-3642347344.
- Kuhnimhof, T. (2007). Längsschnittmodellierung der Verkehrsnachfrage zur Abbildung multimodalen Verhaltens. Dissertationsschrift. Institut für Verkehrswesen, Universität Karlsruhe. ISBN 978-3981107814 .

Aufsätze in referierten Zeitschriften, Papers in peer reviewed journals

- Bahamonde Birke, F. J., Kickhöfer, B., Heinrichs, D., Kuhnimhof, T. (2018) A systemic view on autonomous vehicles: Policy aspects for a sustainable transportation planning. *disP - The Planning Review*. Netzwerk Stadt und Landschaft. ISSN 0251-3625
- Buehler, R., Kuhnimhof, T., Bauman, A., Eisenmann, C. (2018) Active Travel as Stable Source of Physical Activity for One Third of German Adults: Evidence from Longitudinal Data. *Transportation Research Part A: Policy and Practice*. Elsevier. DOI: 10.1016/j.tra.2018.09.022 ISSN 0965-8564
- Kröger, L., Kuhnimhof, T., Trommer, S. (2018) Does context matter? A comparative study modelling autonomous vehicle impact on travel behaviour for Germany and the USA. *Transportation Research Part A: Policy and Practice*, pp. 1-16. Elsevier. DOI: <https://doi.org/10.1016/j.tra.2018.03.033> ISSN 0965-8564
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- Seum, S., Kuhnimhof, T., Goletz, M. (2017). Verkehrssystemforschung am DLR - Mobil in Deutschland 2040. Teil 1: Der methodische Szenario-Ansatz im Projekt Verkehrsentwicklung und Umwelt. In: *Internationales Verkehrswesen*, 69 (1), pp. 60-63.

- Kagerbauer, M., Kuhnimhof, T., Nordenholz, F. (2016). Raumstrukturdaten als Input für Verkehrsnachfragemodelle: Grundlage für verlässliche Ergebnisse. In: Straßenverkehrstechnik (10), pp. 650-657.
- Frick, R., B. Grimm, T. Kuhnimhof (2014). Langstreckenmobilität – Aktuelle Trends und Zukunftsperspektiven. In: Internationales Verkehrswesen, (66) 1-2014, pp. 76-79.
- Kuhnimhof, T., C. Rohr, L. Ecola, J. Zmud (2014). Automobility in Brazil, Russia, India, and China: Quo Vadis? In: Transportation Research Record: Journal of the Transportation Research Board, No. 2451, pp. 10-19.
- Kuhnimhof, T., D. Zumkeller, B. Chlond (2013). Who Made Peak Car, and How? A Breakdown of Trends over Four Decades in Four Countries? In: Transport Reviews, Vol. 33, 2013(3), pp. 325-342.
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Buchbeiträge, Book chapters

- Vallée, D., Kuhnimhof, T., Liedtke, G. (2019). Zukunft des Stadtverkehrs – Rahmenbedingungen, Trends, Szenarien. In: Engel, B., Vogt, W. (Ed.). Stadtverkehrsplanung. 3. Auflage. Springer (im Druck).
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- Kuhnimhof, T., Lenz, B. (2016). Globaler Verkehr I: Entwicklung des globalen Personenverkehrs und verkehrspolitische Implikationen. In: Canzler, W., Knie, A., Schwedes, O. (Ed.). Handbuch Verkehrspolitik. Springer. ISBN: 978-3-658-04777-1.
- Kuhnimhof, T., I. Feige, P. Phleps (2011). Mobility Scenarios for the Year 2030: Implications for Individual Electric Mobility. In: Hülsmann, M., D. Fornahl (Ed.). Evolutionary Paths Towards the Mobility Patterns of the Future. Springer-Verlag, Berlin Heidelberg.
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- Kuhnimhof, T., S. Schnittger (2009). Der Längsschnitt: Eine neue Dimension in der mikroskopischen Verkehrsmodellierung eröffnet neue Möglichkeiten. In: Institut für Verkehrswesen (Ed.). Mobiles Leben – Festschrift für Prof. Dr.-Ing. Dirk Zumkeller. Karlsruhe.
- Kuhnimhof T., C. Gringmuth, D. Zumkeller (2009). Longitudinal Simulation of Travel under Budget Constraints. In: Kitamura, R., T. Yoshii und T. Yamamoto (Eds.). The Expanding Sphere of Travel Behavior Research: Selected Papers from the 11th International Conference on Travel Behaviour Research.
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Ausgewählte Projektberichte, Selected Project Reports

- Kuhnimhof, T., Nobis, C., (2018) Mobilität in Deutschland – MiD: Ergebnisbericht. http://www.mobilitaet-in-deutschland.de/pdf/MiD2017_Ergebnisbericht.pdf
- Bäumer, M., Hautzinger, H., Pfeiffer, M., Stock, W., Lenz, B., Kuhnimhof, T., Köhler, K., Fahrleistungserhebung 2014 – Inländerfahrleistung. bast. <https://bast.opus.hbz-nrw.de/frontdoor/index/index/docId/1774>
- Zmud, J., Green, L., Kuhnimhof, T., Le Vine, S., Polak, J., Phleps, P. (2017) Still Going ... and Going. The emerging travel patterns of older adults. ifmo. https://www.ifmo.de/files/publications_content/2017/2017_ifmo_senior_generation_mobility_en.pdf
- Trommer, S., Kolarova, V., Fraedrich, E., Kröger, L., Kickhöfer, B., Kuhnimhof, T., Lenz, B., Phleps, P. (2016). Autonomous Driving. The Impact of Vehicle Automation on Mobility Behaviour. ifmo. https://www.ifmo.de/files/publications_content/2016/ifmo_2016_Autonomous_Driving_2035_en.pdf
- Ecola, L., Rohr, C., Zmud, J., Kuhnimhof, T., Phleps, P. (2014). The Future of Driving in Developing Countries. ifmo. https://www.ifmo.de/files/publications_content/2014/ifmo_2014_BRIC_automobility_en.pdf
- Institut für Mobilitätsforschung (Ed.) (2013). Mobility Y – The Emerging Travel Patterns of Generation Y. https://www.ifmo.de/files/publications_content/2013/ifmo_2013_Mobility_Y_en.pdf
- Institut für Mobilitätsforschung (Ed.) (2011). Mobilität junger Menschen im Wandel – multimodaler und weiblicher. https://www.ifmo.de/files/publications_content/2011/ifmo_2011_Mobilitaet_junger_Menschen_de.pdf

Konferenzbeiträge und Vorträge mit Begleitaufsatz, Conference contributions and presentations with paper

- Kröger, L., Winkler, C., Kuhnimhof, T. (2018) Stepwise modelling of the impact of autonomous vehicles on the transport system in Germany for different scenarios. European Transport Conference ETC 2018, 10.-12. Okt. 2018, Dublin, Irland.
- Anderson, J. E., Steck, F., Kuhnimhof, T., (2018) Can renewable energy sources meet electric vehicle charging demand today and in the future? A microscopic time-specific travel demand analysis for Germany. Transportation Research Board 97th Annual Meeting, 7.-11. Januar 2018, Washington, D.C., USA.
- Kuhnimhof, T., Eisenmann, C. (2017). Vehicle cost imputation in travel surveys: Gaining insight into the fundamentals of (auto-) mobility choices. *11th International Conference on Transport Survey Methods ISCTSC*, 24.-29.09. 2017, Quebec, Canada.
- Bäumer, M., Hautzinger, H., Kuhnimhof, T., Pfeiffer, M. (2017). The German Vehicle Mileage Survey 2014: Striking the balance between methodological innovation and continuity. *11th International Conference on Transport Survey Methods ISCTSC*, 24.-29.09. 2017, Quebec, Canada.

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- Anderson, J. E., Böttcher, N., Kuhnimhof, T. (2016). An approach to determine charging infrastructure for one million electric vehicles in Germany. *Transportation Research Board 2016 Annual Meeting*, 10.-14.01 2016, Washington, D.C., USA.
- Soyulu, T., Anderson, J. E., Böttcher, N., Weiß, C., Chlond, B., Kuhnimhof, T. (2016). Building Up Demand-Oriented Charging Infrastructure for Electric Vehicles in Germany. In: *Transportation Research Procedia*. Elsevier. *International Scientific Conference on Mobility and Transport Transforming Urban Mobility, mobil.TUM 2016*, 6.-7.06 2016, Munich, Germany.
- Kuhnimhof, T., Frick, R., Grimm, B., Phleps, P. (2014). Long Distance Mobility in Central Europe: Status Quo and Current Trends. *European Transport Conference 2014*, 29. 09. - 01.10. 2014, Frankfurt, Deutschland.
- Christensen, L., Kuhnimhof, T., Hubert, J.-P., Schulz, A., Kagerbauer, M., Sobrino, N. (2014). Improving comparability of survey results through ex-post harmonisation - A case study with twelve European national travel surveys. *10th International Conference on Transport Survey Methods*, 16.-21. Nov. 2014, Leura, Australien.
- Kuhnimhof, T. (2011). Scenarios for Mobility in the Year 2030 in Germany – Implications for Long Distance Travel and Tourism. *Second International Conference on the Measurement and Economic Analysis of Regional Tourism*, Bilbao, 10. 2011.
- Kuhnimhof, T., Feige (2011). Zukunft der Mobilität – Szenarien für das Jahr 2030. *Evolutionary paths towards the mobility patterns of the future*, Jacobs University, Bremen, 08.2011.
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- Kuhnimhof, T., P. Ottmann, B. Chlond, D. Zumkeller (2009). Imputation of Mobility Costs in Odometer Reading Surveys. *Transportation Research Board Meeting*, Washington, DC 01.2009.
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- Kuhnimhof, T., J. Last (2009). The Path to Better Long Distance Travel Data in Europe – The Potential of Combining Established Household Survey Instruments and Methodological Innovations. *First International Conference on the Measurement and Economic Analysis of Regional Tourism*, San Sebastian, 10.2009.
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Presse und andere Veröffentlichungen, media and other publications

- WDR5 Radio-Interview „Durch öffentlichen Verkehr flüssiger unterwegs“. WDR 5 Morgenecho – Interview. 03.01.2019.
- Podiumsteilnahme WDR Funkhausgespräch "Ende der Autogesellschaft?". 27.9.2018.
- Radio-Interview in „Koschwitz zum Wochenende“ zu Dieselfahrverboten. 1.3.2018
- Interview im Deutschlandfunk: Nach dem Diesel-Urteil "Emissionsproblematik wird bestehen bleiben". Tobias Kuhnimhof im Gespräch mit Silke Hahne. 22.2.2018
- Interview in Wirtschaftswoche Online „Der lange Weg zur Arbeit. Warum Stau manchmal sogar Absicht ist“. Interview von Katja Joho. 3.1.2018.
- Wortbeitrag zu einem Artikel zum Thema Hyperloop in der Zeitung „Die Rheinpfalz“: In Röhren von Stadt zu Stadt rasen. 5.9.2017, Autor: Roland Knauer.
- Beitrag in den VDI Nachrichten: Tobias Kuhnimhof (2017). Energiewende steht im Stau. 27.07.2017. Ausgabe 30.
- Interview im Bayrischen Rundfunk zu HOV Lanes und Verkehrstrends in Städten. 6.7.2017
- Wortbeitrag im ZDF Morgenmagazin zum Hyperloop. 18.1.2017
- Interview zu Mobilitätstrends unter jungen Menschen im DLR Magazin: Stillstand eines Trends. DLR Magazin 152. pp. 46-47. Autor: Melanie Wiese
- Interview in der Zeitschrift „Umweltpsychologie“: Hedwig Verron (2015). Ändert sich die Mobilitätskultur? Zwei Experteninterviews. Umweltpsychologie 19(1), 12-26.
- Interview zu Maut in der „Südwestpresse Ulm“: Besserer Verkehrsfluss in Stoßzeiten. 16.04.2010. Autor: Peter Buyer
- Interview zu multimodalem Verkehrsverhalten in „Automotive Agenda“: Der Forscher. Ausgabe 08/2010. Autor: Matthias Bentenrieder