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EMPLOYMENT

- Technische Universität Dresden, Institute of Transport and Economics (2008 – present)
- Bauhaus Universität Weimar, Department for Transport (2006 – 2008)

EDUCATION

- PhD Economics (Dr.rer.pol), Technische Universität Dresden, 2011
- Diploma Transportation Economics, Technische Universität Dresden, 2005

PROFESSIONAL MEMBERSHIPS

- International Transportation Economics Association (ITEA)
- German Road and Transportation Research Association (Forschungsgesellschaft für Straßen- und Verkehrswesen FGSV)
 - Working Group 1.4: Economic assessment in transportation („Wirtschaftlichkeitsuntersuchungen“), 2015 – present
 - Working Group 1.4.4: Dynamic aspects of investment planning and project evaluation in the transport sector („Dynamische Aspekte bei Investitionsplanung und Projektbewertung“), 2010 – 2015
 - Working Group 1.4.2: Areas of application of transport appraisals („Einsatzbereiche von Bewertungsverfahren“), 2008 – 2010

CURRICULUM VITAE

FIELDS OF INTEREST

- Urban Economics, Transport Economics, Environmental Economics, Public Economics

PUBLICATIONS

Journal Articles

- The private (unnoticed) welfare cost of highway speeding behavior from time saving misperceptions. *Economics of Transportation* 7, 24-37, 2016
- The economics of workplace charging. *Transportation Research Part B: Methodological* 88, 93-118, 2016 (with G. Fetene, G. Hirte, S. Kaplan, C. Prato)
- How much should gasoline be taxed when electric vehicles conquer the market? An analysis of the mismatch between efficient and existing gasoline taxes under emerging electric mobility. *Transportation Research Part D: Transport and Environment* 39, 89-113, 2015
- Optimal Fuel Taxes and Heterogeneity of Cities. *Review of Regional Research* 35, 173-209, 2015 (with G. Hirte)
- Shedding light on the appropriateness of the (high) gasoline tax level in Germany. *Economics of Transportation* 3, 189-210, 2014
- Efficiency of speed limits in cities: A spatial computable general equilibrium assessment. *Transportation Research Part A: Policy and Practice* 56, 23-48, 2013 (with E. Nitzsche)
- The optimal subsidy on electric vehicles in German metropolitan areas: A spatial general equilibrium analysis. *Energy Economics* 40, 515-528, 2013 (with G. Hirte)
- Income tax deduction of commuting expenses in an urban CGE study: The case of German cities. *Transport Policy* 28, 11-27, 2013 (with G. Hirte)
- Should subsidies to urban passenger transport be increased? A spatial CGE analysis for a German metropolitan area. *Transportation Research Part A: Policy and Practice* 46, 285-309, 2012 (with G. Hirte)
- The drawbacks and opportunities of carbon charges in metropolitan areas - A spatial general equilibrium approach. *Ecological Economics* 70, 339-357, 2010 (with G. Hirte)
- How does the household structure shape the urban economy?. *Regional Science and Urban Economics* 40, 498-516, 2010 (with G. Hirte)
- Travel-to-school mode choice modelling and patterns of school choice in urban areas. *Journal of Transport Geography* 16, 342-357, 2008 (with S. Müller, K. Haase)

Working Papers

CURRICULUM VITAE

- Does labor supply modeling affect findings of transport policy analyses?. Dresden Discussion Paper Series in Economics, No. 01/15, Technische Universität Dresden (with G. Hirte)
- An urban general equilibrium model with multiple household structures and travel mode choice. Dresden Discussion Paper Series in Economics, No. 06/09, Technische Universität Dresden (with G. Hirte)

Others

- Verbesserung der Methoden zur Prognose der Kfz-Bemessungsverkehrsstärken. Forschung Strassenbau und Strassenverkehrstechnik 1023, German Road and Transportation Research Association (Forschungsgesellschaft für Straßen- und Verkehrswesen, FGSV), 2009 (with C. Walther, V. Waßmuth, T. Wieczorek, K. Johaenning)
- Hinweise zu dynamischen Aspekten bei der Projektbewertung und Investitionsplanung im Verkehrssektor. German Road and Transportation Research Association (Forschungsgesellschaft für Straßen- und Verkehrswesen, FGSV), 2016
- Hinweise zu Einsatzbereichen von Verfahren zur Entscheidungsfindung in der Verkehrsplanung. German Road and Transportation Research Association (Forschungsgesellschaft für Straßen- und Verkehrswesen, FGSV), 2010

CONFERENCE & SEMINAR PRESENTATIONS/CONTRIBUTIONS

- 3rd Conference "Transportation Economics and Policy", Berlin, Germany, June 2016
- Seminar at the Institute of Transport and Economics (TU Dresden), December 2015
- Workshop on High-Dimensionality of Transport and Digital Economy, Dresden, Germany, October 2015
- 4th Conference of the European Association for Research in Transportation (hEART), Copenhagen, Denmark, September 2015
- 55th Congress of the European Regional Science Association (ERSA), Lisbon, Portugal, August 2015
- Seminar at the Institute of Transport and Economics (TU Dresden), July 2015
- 14th International Conference on Travel Behaviour Research, Windsor, London, UK, July 2015
- 2nd Conference "Transportation Economics and Policy", Berlin, Germany, June 2015
- International Conference "Advancing Metropolitan Modeling for the Analysis of Urban Sustainability Policies" (sponsored by the Multi-campus Research Project Initiative Center for Sustainable Suburban Development - University of California at Riverside), Riverside, California, USA, January 2015
- International Symposium "Re-Considering Motor Fuel Taxes – Options for Reforming the Taxation of Vehicle Use and Ownership", Stockholm, Sweden, September 2014

CURRICULUM VITAE

- 5th World Congress of Environmental and Resource Economists (WCERE), Istanbul, Turkey, June/July 2014
- 1st Conference "Transportation Economics and Policy", Berlin, Germany, June 2014
- 9th Kuhmo Nectar Conference on Transportation Economics, Toulouse School of Economics, Toulouse, France, June/July 2014
- Seminar "Applied Microeconomics: Computable General Equilibrium Modeling", Kiel, Germany, November 2013
- 53th Congress of the European Regional Science Association (ERSA), Palermo, Italy, August 2013.
- 8th Kuhmo Nectar Conference on Transportation Economics, Northwestern University Evanston, Chicago, Illinois, USA, July 2013
- 20th Annual Conference of the European Association of Environmental and Resource Economists, Toulouse, France, June 2013
- International Conference "Climate Change and Regional Response 2013: Impacts and Adaptation Strategies for Public, Commercial and Private Actors", Dresden, Germany, May 2013
- 52th Congress of the European Regional Science Association (ERSA), Bratislava, Slovakia, August 2012
- 19th Annual Conference of the European Association of Environmental and Resource Economists, Prague, Czech Republic, June 2012
- 5th Summer Conference in Regional Science: Modeling Spatial Structures and Processes, Kiel, Germany, June 2012
- 7th Kuhmo Nectar Conference on Transportation Economics, Berlin, Germany, June 2012
- European Meeting of the International Microsimulation Association (Session: Environment), Dublin, Ireland, May 2012
- Colloquium "Theory and quantitative methods in geography", Section: Climate change policy modeling. Hamburg, Germany, February 2012
- NECTAR (Network on European Communications and Transport Activities Research) CLUSTER 2 Workshop: Urban and Regional Transport: Regulation, Sustainability, E-Mobility, Dresden, Germany, February 2012
- 51th Congress of the European Regional Science Association (ERSA), Barcelona, Spain, August/September 2011
- 4th Summer Conference in Regional Science, Dresden, Germany, June 2011
- 50th Congress of the European Regional Science Association (ERSA), Jönköping, Sweden, August 2010
- 5th Kuhmo-Nectar Conference on Transportation Economics, Valencia, Spain, July 2010
- 3rd Summer Conference in Regional Science, Hannover, Germany, June 2010
- Seminar at the Faculty of Business and Economics (TU Dresden), May 2010
- 49th Congress of the European Regional Science Association (ERSA), Lodz, Poland, August 2009
- 4th Kuhmo-Nectar Conference and Summer School "Transport and Urban Economics", Copenhagen, Denmark, June/July 2009

CURRICULUM VITAE

- Seminar at the Institute of Transport and Economics (TU Dresden), June 2009
- Seminar at the Faculty of Business and Economics (TU Dresden), April 2009
- Seminar of the Regional Science Association, Igls/Innsbruck, February 2009
- Seminar at the Institute of Transport and Economics (TU Dresden), October 2008

REFEREEING

Journals

Advances in Mechanical Engineering; Energies; Energy Economics; European Journal of Transport and Infrastructure Research; International Journal of Sustainable Transportation; Journal of Development and Agricultural Economics; International Journal of Urban Sustainable Development; Journal of Cleaner Production; Journal of Transport Geography; Review of Regional Research; Research in Transportation Economics; Sustainability; The Scandinavian Journal of Economics; Transport Policy; Transportation Research Part A: Policy and Practice; Transportation Research Part B: Methodological; Transportation Research Part D: Transport and Environment; Urban, Planning and Transport Research; Urban Studies; Zeitschrift für Verkehrswissenschaft

Others:

Czech Science Foundation, ETH Zürich Research Commission, World Conference on Transport Research

RESEARCH PROJECTS/CONSULTING

- EMPACCA: Evaluating measures on climate protection and adaptation to climate change in agglomerations. Project financed by the Federal Ministry of Education and Research (Bundesministerium für Bildung und Forschung, BMBF), 2011 – 2015.
- Regional and sectoral economic modelling and integration into regional earth-system models. Project financed by the Climate Service Center Hamburg, 2014
- Application of Galileo in Traffic Management (Einsatz von Galileo im Verkehrsmanagement). Project financed by the Federal Ministry of Transport, Building and Urban Affairs (Bundesministerium für Verkehr Bau, und Stadtentwicklung, BMVBS), 2007 – 2008
- Verbesserung der Methoden zur Prognose der Kfz-Bemessungsverkehrsstärken. Project financed by the Federal Highway Research Institute (Bundesanstalt für Straßenwesen, BASt), 2006 – 2007
- Cost-Benefit-Analysis of novel cross-sectional road designs (Volkswirtschaftlicher Nutzen neuer Autobahnquerschnitte). Project financed by the Federal Ministry of Transport, Building and Urban Affairs (Bundesministerium für Verkehr Bau, und Stadtentwicklung, BMVBS), 2006
- Konzeptphase für eine verkehrswirtschaftliche Untersuchung zur Fortschreibung gesamtwirtschaftlicher Bewertungsverfahren (Kosten-Nutzen-Analyse) für Straßeninfrastrukturinvestitionen.

CURRICULUM VITAE

Project financed by the Federal Ministry of Transport, Building and Housing (Bundesministerium für Verkehr Bau, und Wohnungswesen, BMV/BW), 2003 – 2006

TEACHING

- Transportation Economics: Summer 2007
- Principles of Economics, Winter 2008/2009, 2009/2010, 2010/2011
- Spatial Economics, Summer 2009, Winter 2009/2010, 2010/2011
- Introduction to Scientific Working, Summer 2009, 2010, 2011, 2012, 2013, 2014, 2015, Winter 2015/2016
- New Economic Geography, Winter 2010/2011, 2011/2012, 2012/2013, 2013/2014, 2014/2015, 2015/2016
- Urban Economics: Summer 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016
- Thesis supervision