# Francisco J. Bahamonde Birke

## Education

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|---|---|
| **1991- 2002** | Deutsche Schule Puerto Varas, Chile (primary and secondary school). |
| **2003-2008** | Bachelor studies in Civil Engineering, Pontificia Universidad Católica de Chile, Engineering Faculty. |
| **2004-2008** | Minor studies in Environmental Geography, Pontificia Universidad Católica de Chile, Geography Faculty. |
| **2007-2008** | Foreign studies, Technische Universität Dresden, Civil Engineering Faculty. |
| **2003-2009** | Diploma studies in Structural Engineering, Pontificia Universidad Católica de Chile, Engineering Faculty. |
| **2009-2011** | Master studies in Transport Engineering and Logistics, Pontificia Universidad Católica de Chile, Engineering Faculty. Main area of studies: Transport economics and demand. |
| **2012-2016** | Doctoral studies in Economics, Technische Universität Berlin, Faculty VII. Main area of studies: Behavioral economics and transport demand. *Summa cum laude*. |

## Language skills

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| German: | Fluent in speech and writing. |
| Spanish: | Fluent in speech and writing. |
| English: | Fluent in speech and writing. |
| Dutch: | Upper intermediate (C1). |
| French: | Upper intermediate / lower advanced knowledge (B2/C1). |
| Russian: | Lower intermediate knowledge (B1). |

# Teaching experience

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|---|---|
| 2022-2023 | Data Statistics. Tilburg University. |
| 2022 | Mathematical Methods. Tilburg University. |
| 2022 | Statistics 1 & 2. Tilburg University. |
| 2022 | Spatial Statistics & Machine Learning. Universiteit Utrecht. |
| 2021-22 | Advanced Methods & Techniques. Universiteit Utrecht. |
| 2021 | Quantitative Urban & Economic Analytics. Universiteit Utrecht (course coordinator). |
| 2021 | *Wetenschappelijk Leeronderzoek* (Scientific Research Learning; in Dutch). Universiteit Utrecht. |
| 2021 | Spatial Statistics & Machine Learning. Universiteit Utrecht. |
| 2020-21 | Advanced Methods & Techniques. Universiteit Utrecht. |
| 2020 | Quantitative Urban & Economic Analytics. Universiteit Utrecht (single classes). |
| 2019 | Advanced Methods & Techniques. Universiteit Utrecht. |
| SS 2018 | *Vertiefung der Verkehrsökonometrie* (Advanced Transport Econometrics; in German). TU-Berlin. |
| WS 2017-18 | *Grundlagen der Verkehrsökonometrie* (Fundamentals of Transport Econometrics; in German). TU-Berlin. |
| SS 2017 | *Vertiefung der Verkehrsökonometrie* (Advanced Transport Econometrics; in German). TU-Berlin. |
| SS 2017 | *Analyse und Bewertung von Verkehrssystemen* (Analysis and Evaluation of Transport Systems; in German). TU-Berlin (single classes). |
| WS 2016-17 | Grundlagen der Verkehrsökonometrie (Fundamentals of Transport Econometrics; in German). TU-Berlin. |
| SS 2016 | *Verkehrsökonometrie* (Econometrics in Transportation; in German). TU-Berlin. |

# Work experience

**Assistant Professor at Tilburg University**        **Jun. 2022 - current**
**Tilburg School of Social and Behavioral Sciences**
**Department of Methodology and Statistics**

**Post Doc researcher at Universiteit Utrecht**        **Jan. 2019 – May 2022**
**Faculty of Geosciences**
**Department Human Geography and Spatial Planning**
Analysis of the impacts of implementation of mobility-as-a-service on transportation systems and on the urban structure.
Analysis on the use of participatory value evaluation to assess preferences on investment projects (project leader).
Analysis of the short and long term impacts of the COVID19-pandemic on the transportation systems.

Analysis of public policies to be implemented in the context of the COVID19-pandemic on the basis of participatory value evaluation (PVE)
Several smaller projects.


**Research associate at DLR**                                      **Aug. 2016 – Dec. 2018**
**Institute for Transport Research**
**Department Mobility and Urban Development**
Analysis of the impacts of autonomous vehicles on mobility, transport and urban systems (project leader).
Analysis of societal costs and benefits of infrastructure and transport projects (project leader).
Modeling the car fleet and household's decision rules for long-term mobility decisions in Germany.
Analysis of the current situation and trends of MaaS-services (CarSharing and RideSourcing) around the world.
Analysis of the economic impacts of autonomous vehicles.
Analysis and modeling of residential location choices and the demand for housing in Berlin.
Guidance in the design of several stated preferences (SP) experiments.
Several smaller projects.


**Research associate at DIW**                                      **Mar. 2012 – Jul. 2016**
**Department Energy, Transport, Environment**
Analysis of the value of quality-adjusted-life-years (including several assessment methods) in the context of the evaluation of infrastructure projects.
Modeling and analysis of the demand for transportation in the context of the liberalization of the intercity coach-market (including the design of execution of  SP-experiments).
Modeling and analysis of the demand and impact of electric vehicles in Austria.
Analysis of the valuation and impact of noise pollution.
Several smaller projects.


**System Analyst at Fernández y de Cea Ingenieros Ltda.**        **Mar. 2011 – . 2012**
Modeling the transport system of Los Ángeles (Chile) and Iquique.


**Internship at Empresa de Ingeniería Ingendesa**                 **Jan. – Feb. 2009**
**Department of ENDESA S.A.**
Work in project related to the design and construction of five hydroelectric power plants in southern Chile (3,200 MW).


**Internship at Inmobiliaria del Pacífico**                        **Jan. – Feb. 2007**
**Casinos Pacífico Sur**
Work in the tendering for the construction of three five-star hotels in Valdivia, Temuco and Punta Arenas (Chile).

**Internship at Empresas Lukaschewsky Hnos Ltda.**        **Jan. – Feb. 2005**

**Estacionamientos Subterráneos Puerto Montt**

# Academic contributions

### Peer-reviewed articles

J27 – Kapatsila, B., Grisé, E., van Lierop, D., and Bahamonde-Birke, F.J. (2022). From Riding to Driving: the Effects of the COVID-19 Pandemic on Public Transit in Metro Vancouver. *Findings*, March (doi: 10.32866/001c.33884).

J26 – Bahamonde-Birke, F.J, and Bahamonde-Birke, R.A. (2022). About the "Away Goals Rule" in Association Football. Does Scrapping the Rule Increase the Fairness of the Game?. *Journal of Sports Economics* **24(3),** 310-328.

J25 - Weschke, J., Bahamonde-Birke, F.J., Gade, K., and Kazagli, E. (2021). Asking the Wizard-of-Oz: How experiencing autonomous buses affects preferences towards their use for feeder trips in public transport. *Transportation Research Part C: Emerging Technologies* **133**, 103454.

J24 - Bahamonde-Birke, F.J. (2022). Should it be allowed for competition between regulated public transport and autonomous ride-sharing providers? An outlook into a possible transport paradox. *Journal of Transport Economics and Policy* **56(1)**, 56-78.

J23 - Mouter, N., and Bahamonde-Birke, F.J. (2021). Voorkeuren van Nederlanders over effecten van maatregelen om reisbewegingen te beperken tijdens de coronacrisis. *Tijdschrift Vervoerswetenschap* **57(1)**, 102 – 114.

J22 - van Lierop, D., and Bahamonde-Birke, F.J. (2021). Commuting to the future: Assessing the relationship between individuals' usage of information and communications technology, personal attitudes, characteristics and mode choice. *Networks and Spatial Economics*, (doi: 10.1007/s11067-021-09534-9).

J21 - Goletz, M. and Bahamonde-Birke, F.J. (2021) The ride-sourcing industry: status quo and outlook. *Transportation Planning and Technology* **44(6)**, 561-576

J20 - Bahamonde-Birke, F.J. (2021). A brief discussion on the treatment of spatial correlation in multinomial discrete models. *Journal of Transport and Land use* **14(1)**, 521-535.

J19 - Bahamonde-Birke, F.J., and Ortúzar, J. de D. (2021). How to categorize individuals on the basis of underlying attitudes. A discussion on latent variables, latent classes and hybrid choice models. *Transportmetrica A: Transport Science* **17(4)**, 856–87.

J18 - Bahamonde-Birke, F. J., Goletz, M., and Ettema, D. (2021). The provision of mobility as a service with autonomous vehicles. The necessity of regulatory schemes for a natural monopoly. *Research in Transportation Economics* **90**, 100993.

J17 - Bahamonde-Birke, F.J. (2020). Who will bell the cat? On the environmental and sustainability risks of electric vehicles. A rejoinder. *Transportation Research Part A: Policy and Practice* **135**, 358-360.

J16 - Bahamonde-Birke, F.J. (2020). Who will bell the cat? On the environmental and sustainability risks of electric vehicles. *Transportation Research Part A: Policy and Practice* **133**, 79-81.

J15 - Kolarova, V., Steck, F., and Bahamonde-Birke, F.J. (2019). Assessing the effect of autonomous driving on value of travel time savings: A comparison between current and future preferences. *Transportation Research Part A: Policy and Practice* **129**, 155-169.

J14 - Fraedrich, E., Heinrichs, D., Bahamonde-Birke, F.J., and Cyganski, R. (2019). Autonomous driving, the built environment and policy implications. *Transportation Research Part A: Policy and Practice* **122**, 162-172.

J13 - Bahamonde-Birke, F.J., Kickhöfer, B., Heinrichs, D., and Kuhnimhof, T. (2018). A systemic view on autonomous vehicles: Policy aspects for a sustainable transportation planning. DisP – The Planning Review **54(3)**, 12-25.

J12 - Bahamonde-Birke, F.J. (2018). Estimating the reference frame: a smooth twice-differentiable utility function for non-compensatory loss-averse decision-making. *Journal of Choice Modelling* **28**, 71-81.

J11 - Heldt, B., Bahamonde-Birke, F.J., Donoso, P., and Heinrichs, D. (2018). Estimating bid-auction models of residential location using census data with imputed household income – *Journal of Transport and Land Use* **11(1)**, 1101-1123.

J10 - Steck, F., Kolarova, V., Bahamonde-Birke, F., Trommer, S., and Lenz, B. (2018). How Autonomous Driving May Affect the Value of Travel Time Savings for Commuting. *Transportation Research Record: Journal of the Transportation Research Board* **2672(46)**, 11-20.

J9 - Bahamonde-Birke, F.J. and Ortúzar, J. de D. (2017). Analyzing the continuity of attitudinal and perceptual indicators in hybrid choice models. *Journal of Choice Modelling* **25**, 28-39.

J8 - Bahamonde-Birke, F.J., Navarro, I. and Ortúzar, J. de D. (2017). If you choose not to decide, you still have made a choice. *Journal of Choice Modelling* **22**, 13-23.

J7 - Bahamonde-Birke, F.J., Kunert, U., Link, H. and Ortúzar, J. de D. (2017). About attitudes and perceptions – finding the proper way to consider latent variables in discrete choice models. *Transportation* **44(3)**, 475-493

J6 - Bahamonde-Birke, F.J. and Hanappi, T. (2016). The potential of electromobility in Austria: Evidence from hybrid choice models under the presence of unreported information. *Transportation Research Part A: Policy and Practice* **83**, 30-41.

J5 - Bahamonde-Birke, F., Kunert, U. and Link, H. (2015). The value of a statistical life in a road safety context – a review of the current literature. *Transport Reviews* **35(4)**, 488-511.

J4 - Bahamonde-Birke, F.J. and Ortúzar, J. de D. (2014). Is Sequential Estimation a Suitable Second Best for Estimation of Hybrid Choice Models? *Transportation Research Record: Journal of the Transportation Research Board* **2429**, 51-58.

J3 - Bahamonde-Birke, F.J. and Ortúzar, J. de D. (2014). On the variability of hybrid discrete choice models. *Transportmetrica A: Transport Science* **10(1)**, 74-88.

J2 - Bahamonde-Birke, F., Kunert, U., Link, H. and Ortúzar, J. de D. (2014). Bewertung der Angebotsmerkmale des Personenfernverkehrs vor dem Hintergrund der Liberalisierung des Fernbusmarktes. *Zeitschrift für Verkehrswissenschaft* **85(2)**, 107-123.

J1 - Bahamonde-Birke, F., Kunert, U. and Link, H. (2013). Verkehrssicherheit und Zahlungsbereitschaft – ein Überblick zum Stand der Forschung. *Zeitschrift für Verkehrswissenschaft* **84(3)**, 260-287.

## Other articles in scientific journals

JN1 - Kickhöfer, B., Bahamonde-Birke, F. J., and Nordenholz, F. (2019). Dynamic modeling of vehicle purchases and vehicle type choices from national household travel survey data. *Transportation Research Procedia* **41**, 2-5.

## Monographies

M4 - Fraedrich, E., Kröger, L., Bahamonde-Birke, F. J., Frenzel, I., Liedtke, G., Trommer, S., Lenz, B., and  Heinrichs, D. (2017). *Automatisiertes Fahren im Personen-und Güterverkehr. Auswirkungen auf den Modal-Split, das Verkehrssystem und die Siedlungsstrukturen*. e-mobil BW GmbH – Landesagentur für Elektromobilität und Brennstoffzellentechnologie Baden-Württemberg, Karl Elser Druck Gmb, Mühlacker, Germany.

M3 - Bahamonde-Birke, F.J. (2016). *Modeling with the unobserved/unobservable. An in-depth analysis of modeling issues concerning the role of attitudes and perceptions in the decision making process.* PhD Thesis, TU-Berlin, Germany, 2016.

M2 - Bahamonde-Birke, F., Kunert, U. and Link, H. (2013). *Zahlungsbereitschaft für Verkehrssicherheit: Vorstudie.* Berichte der Bundesanstalt für Straßenwesen : Mensch und Sicherheit M 242. Wirtschaftsverlag NW, Bremen.

M1 - Bahamonde Birke, F.J. (2011). *Predicción con modelos híbridos de elección discreta: el rol de atributos tangibles en la definición de variables latentes*, PUC master´s thesis in Transport and Logistic Engineering, 2011

## Conference contributions

C35 - Bahamonde-Birke, F.J., Geigenmüller, I.M., Mouter, N., van Lierop, D.S., and Ettema, D.S. (2022). How do I want the city council to spend our budget? Conceiving MaaS from a citizen's perspective… (as well as biking infrastructure and public transport). *16th International Conference on Travel Behaviour Research (IATBR)*, Santiago de Chile, Chile, 11-15, December, 2022.

C34 - Bahamonde-Birke, F.J., Frowijn, L., van Gils, C., Helmink, R.D.W., Henkus, S., van der Hoeven, S., Kolkman, O.M., van Onzen, T., Ronteltap, L., Wehl, D.E., and Ettema, D.F. (2022). Am I willing to give up my car? An analysis about the willingness of Dutch citizens to adopt MaaS and the triggers affecting their choices. 10th *hEART Symposium of the European Association for Research in Transportation*, Leuven, Belgium, 1-3, June, 2022.

C33 - Bahamonde-Birke, F.J., and Guevara, A. (2022). Which rubber duck makes the best decoy? Considering the decoy effect on the basis of different behavioral theories. *International Choice Modelling Conference*. Reykjavik, Iceland, 23-25, May, 2022.

C32 - Bahamonde-Birke, F.J., and Guevara, A. (2021). Modeling the Decoy Effect with Random Regret Minimization, Emergent Value and Prospect Theory. *20° Congreso Chileno de Ingeniería de Transporte*, Santiago, Chile, 25-27, October, 2021.

C31 - Bahamonde-Birke, F.J. (2021). A brief discussion on the treatment of spatial correlation in multinomial discrete models. *World Society for Transport and Land Use Research Conference*, Portland, Or., USA, 9-11, August, 2021.

C30 - Bahamonde-Birke, F.J., Weschke, J., Gade, K., Kazagli, E. (2021). Asking the Wizard-of-Oz: How experiencing autonomous buses affects preferences towards their use for feeder trips in public transport. 9th *hEART Symposium of the European Association for Research in Transportation*, Lyon, France, 3-4, February, 2021.

C29 - Bahamonde-Birke, F.J, and Mouter, N. (2019). About positive and negative synergies of social projects: treating correlation in participatory value evaluation. 8th *hEART Symposium of the European Association for Research in Transportation*, Budapest, Hungary, 4-6, September, 2019

C28 - Livingston, C.V., Beyer-Bartana, I., Ziemke, D., Bahamonde-Birke, F.J. (2019). The Influence of the Street Environment on the Route Choice of Bicyclists: A Preliminary Study. *International Choice Modelling Conference*. Kobe, Japan, 19-21, Aug, 2019.

C27 - Bahamonde-Birke, F.J. (2019). MLHS-draws outperform Halton sequences. What about Sobol sequences? *International Choice Modelling Conference*. Kobe, Japan, 19-21, Aug, 2019.

C26 - Bahamonde-Birke, F.J., Goletz, M. and Ettema, D.E. (2019) The provision of Mobility as a Service with autonomous vehicles. The necessity of regulatory schemes for a natural monopoly. *Kuhmo-Nectar Conference of the International Transportation Economics Association*, Paris, France, 12-14, June, 2019.

C25 - Goletz, M. and Bahamonde-Birke, F.J. (2019) The ride-sourcing industry: status quo and outlook. *15th World Conference on Transport Research*, Mumbai, India, 26-31, May, 2019.

C24 - Bahamonde Birke, F.J., Kickhöfer, B., Nordenholz, F., and Kröger, L. (2018). Dynamic modeling of vehicle purchases and vehicle type choices from national household travel survey data. 7th *hEART Symposium of the European Association for Research in Transportation*, Athena, Greece, 5-7, September, 2018.

C23 - Kröger, Lars und Kickhöfer, Benjamin und Bahamonde Birke, Francisco Jose und Nordenholz, Falko und Bolz, Marie-Sophie (2018) Dynamic simulation of the German vehicle market. 7th *hEART Symposium of the European Association for Research in Transportation*, 05.-07. Sep. 2018, Athena, Greece, 5-7, September, 2018.

C22 - Bahamonde-Birke, F.J. (2018). Establishing the variability of multinomial discrete models. Which proportion of the variability is actually being explained by our models?. *15th International Conference on Travel Behaviour Research (IATBR)*, Santa Barbara, California, USA, 15-19, July, 2018.

C21 - Bahamonde-Birke, F.J. (2018). Increasing flexibility of public transport with autonomous vehicles. Are users likely to end up better-off? *Kuhmo-Nectar Conference of the International Transportation Economics Association*, Hong-Kong, China, 25-27, June, 2018.

C20 - Bahamonde-Birke, F.J. (2018). Inwieweit tragen die Programme und Subventionen der Bundesregierung im Kontext der Verkehrswende zu einer nachhaltigen Mobilität bei?. *Konferenz Verkehrsökonomie und Verkehrspolitik*, Berlin, Germany, 14-15, June, 2018.

C19 - Steck, F., Kolarova, V., Bahamonde-Birke, F., Trommer, S., and Lenz, B. (2018). How Autonomous Driving May Affect the Value of Travel Time Savings for Commuting. *97th Annual Meeting of the Transportation Research Board 2018*, Washington, D.C., USA, 07-11, January, 2018.

C18 - Fraedrich, E., Heinrichs, D., Bahamonde-Birke, F.J., and Cyganski, R. (2017). Autonomous driving, the built environment and policy implications. *European Transport Conference*, Barcelona, Spain, 3-5, Oct., 2017

C17 - Heldt, B., Bahamonde-Birke, F.J., Donoso, P., and Heinrichs, D. (2017). Estimating bid-auction models of residential location using census data with imputed household income. *World Society for Transport and Land Use Research Conference*, Brisbane, Australia, 3-6, July, 2017.

C16 - Bahamonde-Birke, F.J., Kickhöfer, B., Heinrichs, D. and Kuhnimhof, T. (2017). A systemic view on autonomous vehicles: Policy aspects for a sustainable transportation planning. *Kuhmo-Nectar Conference of the International Transportation Economics Association*, Barcelona, Spain, 21-23, June, 2017.

C15 - Bahamonde-Birke, F.J. (2017). Estimating the reference frame: a smooth twice-differentiable utility function for non-compensatory loss-averse decision-making. *International Choice Modelling Conference*. Cape Town, South Africa, 3-5, May, 2017.

C14 - Bahamonde-Birke, F.J. (2016). Does transport behavior influence preferences for electromobility? *14th World Conference on Transport Research*, Shanghai, PR China, 10-15, July, 2016.

C13 - Bahamonde-Birke, F.J. and Ortúzar, J. de D. (2016). About the categorization of latent variables in hybrid choice models. *14th World Conference on Transport Research*, Shanghai, PR China, 10-15, July, 2016.

C12 - Bahamonde-Birke, F.J. (2016). Zur Betrachtung von Referenzrahmen: eine zweimal differenzierbare Nutzenfunktion zur Darstellung von Verlustaversion in Auswahlprozessen. *Konferenz Verkehrsökonomie und Verkehrspolitik*, Berlin, Germany, 02-03, June, 2016.

C11 - Bahamonde-Birke, F.J. (2016). Estimating the reference frame: a smooth twice-differentiable utility function for non-compensatory loss-averse decision-making . *Kuhmo-Nectar Conference of the International Transportation Economics Association*, Santiago de Chile, Chile, 13-17, June, 2016.

C10 - Bahamonde-Birke, F.J. and Ortúzar, J. de D. (2015). About the categorization of latent variables in hybrid choice models. . 4rd *hEART Symposium of the European Association for Research in Transportation*, København, Denmark, 9-11, September, 2015.

C9 - Bahamonde-Birke, F.J. and Ortúzar, J. de D. (2015). Analyzing the continuity of attitudinal and perceptual indicators in hybrid choice models. *14th International Conference on Travel Behaviour Research (IATBR)*, Windsor, U.K., 19-23 July, 2015.

C8 - Bahamonde-Birke, F.J. and Hanappi, T. (2015). The potential of electromobility in Austria. An analysis based on hybrid choice models. *Kuhmo-Nectar Conference of the International Transportation Economics Association*, Oslo, Norway, 17-19, June, 2015.

C7 - Bahamonde-Birke, F.J. (2015). Stärke, Schwäche und Chancen der Elektromobilität in Österreich. *Konferenz Verkehrsökonomie und Verkehrspolitik*, Berlin, Germany, 11-12, June, 2015.

C6 - Bahamonde-Birke, F.J., Kunert, U., Link, H. and Ortúzar, J. de D. (2014). About attitudes and perceptions – finding the proper way to consider latent variables in discrete choice models. 3rd *hEART Symposium of the European Association for Research in Transportation*, Leeds, UK, 10-12, September, 2014.

C5 - Bahamonde-Birke, F.J., Kunert, U., Link, H. and Ortúzar, J. de D. (2014). Liberalization of the interurban coach market in Germany – An attitudinal problem? *Kuhmo-Nectar Conference of the International Transportation Economics Association*, Toulouse, France, 4-6, June, 2014.

C4 - Bahamonde-Birke, F.J. and Ortúzar, J. de D. (2014). Is Sequential Estimation a Suitable Second Best for Estimation of Hybrid Choice Models? 93rd *Annual Meeting of the Transportation Research Board 2014*, Washington, D.C., USA, 12-16, January, 2014.

C3 - Bahamonde-Birke, F.J., Kunert, U., Link, H. and Ortúzar, J. de D. (2014). Einstellungen, Wahrnehmungen und die Liberalisierung des Fernbusverkehrs in Deutschland. *Konferenz Verkehrsökonomie und Verkehrspolitik*, Berlin, Germany, 26-27, June, 2014.

C2 - Kunert, U., Bahamonde-Birke, F.J. and Link, H. (2014). Zahlungsbereitschaft für Verkehrssicherheit : Methoden und Anwendung in ausgewählten Ländern. *Fachtagung zum Bewertungsverfahren der Bundesverkehrswegeplanung : Bundesministerium für Verkehr und Digitale Infrastruktur*, Berlin, Germany, 11, June, 2014.

C1 - Bahamonde-Birke, F., Raveau, S., Yáñez, M.F. and Ortúzar, J. de D. (2010). The role of tangible attributes in hybrid discrete choice models. *European Transport Conference 2010*, Glasgow, U.K., 11-13, October, 2010.

**Working papers**

WP6 - Bahamonde-Birke, F.J. (2015). Does transport behavior influence preferences for electromobility? Analysis of the correlation among different choice situations using person- and alternative-specific error components. *Discussion Paper* **1529**, DIW-Berlin.

WP5 - Bahamonde-Birke, F. and Ortúzar, J. de D. (2015). Analyzing the continuity of attitudinal and perceptual indicators in hybrid choice models. *Discussion Paper* **1528**, DIW-Berlin.

WP4 - Bahamonde-Birke, F and Ortúzar, J. de D. (2015). About the categorization of latent variables in hybrid choice models. *Discussion Paper* **1527**, DIW-Berlin.

WP3 - Bahamonde-Birke, F., Kunert, U., Link, H. and Ortúzar, J. de D. (2014). About attitudes and perceptions – finding the proper way to consider latent variables in discrete choice models. *Discussion Paper* **1474**, DIW-Berlin.

WP2 - Bahamonde-Birke, F and Hanappi, T. (2015). The Potential of Electromobility in Austria: An Analysis Based on Hybrid Choice Models *Discussion Paper* **1472**, DIW-Berlin.

WP1 - Bahamonde-Birke, F., Kunert, U., Link, H. and Ortúzar, J. de D. (2014). Liberalization of the Interurban Coach Market in Germany: Do Attitudes and Perceptions Drive the Choice between Rail and Coach? *Discussion Paper* **1415**, DIW-Berlin.

## External Funding

### Research funding[1]

- MOCOLODO (2020). Funding by NWO. Role as Co-Applicant (at UU-SGPL). 92.876 €

- Public Transit Crowding & Incentives Findings (2020). Funding by TransLink Vancouver. Role as Co-Applicant (at UU-SGPL).

- MaaS-TRAINER (2019). Funding by NWO. Role as Principal Investigator (at UU-SGPL). 45.887 €.

- AutoMover (2018). Internal Funding Scheme DLR[2]. Role as Co-Applicant (at DLR-MUD). 1.090.000 €

- SharingCities (2017). Funding by Volkswagen AG. Role as Co-Applicant (at DLR-MUD). 45.222 €.

- RAMONA (2017). Funding by BMVI (German government). Role as Co-Applicant (at DLR-MUD). 416.112 €.

- ZBfVS-VorSt (2012). Funding by BASt (German government). Role as Co-Applicant (at DIW-EVU). 18.074 €.

- BecasChile (2011). CONICYT (Chilean government). PhD Scholarship. 84.320 US$.

### Travel funding

- DAAD (2018). IATBR Conference 2018, Santa Barbara, CA, USA. 2.683 €.

- DAAD (2017). ICMC 2017, Cape Town, South Africa. 1.991 €.

- TU-Berlin (2015). hEART Symposium 2015, Copenhagen, Denmark. 600 €.

- DAAD (2015). IATBR Conference 2015, Windsor, UK. 1.068 €.

- DAAD (2014). ITEA Conference 2014, Toulouse, France. 762 €.

### Other grants

- UA & MaaS (2019). Computing capability in the Dutch National Supercomputer Cartesius, granted by SURFsara. 100.000 SBU.

## Other academic activities

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[1] Funding amount refers to the funding received by the applicant's research unit only. Year corresponds to the granting year

[2] Funding scheme open to all departments of the 40 research institutes of DLR throughout the country.

**Memberships and affiliations**

- Member of the International Association for Travel Behaviour Research (IATBR).

- Member of the World Society for Transport and Land Use Research (WSTLUR).

- Friend of the Standing Committee on Transportation Demand Forecasting of the Transportation Research Board (TRB).

- Friend of the Standing Committee on Traveler Behavior and Values of the Transportation Research Board (TRB).

**Reviewing activity**

Journals[3]

Case Studies on Transport Policy (2).

Cities (1).

disP - The Planning Review (2)

Ecological Economics (1).

Energy Research & Social Science (2).

European Journal of Transport and Infrastructure Research (2).

ISM Research Journal (1).

International Journal of Sustainable Transportation (1)

Journal of Choice Modelling (11).

Journal of Public Transportation (1).

Journal of Transport & Health (1).

Journal of Transport and Land Use (6).

Journal of Transport Economics and Policy (1).

Journal of Urban Technology (1).

Networks and Spatial Economics (1).

Research in Transportation Economics (1).

Transport Policy (1).

Transport Reviews (2).

Transportation Letters (1).

Transportation Science (2).

Transportation (4).

Transportation Research Part A. Policy and Practice (26).

Transportation Research Part B. Methodological (3).

Transportation Research Part E. Logistics and Transportation Review (2).

Transportation Research Part F. Traffic Psychology and Behaviour (3).

Transportation Research Record (10).

Transportmetrica A: Transport Science (1)

Conferences (full papers)

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[3] Only initial reviews are counted and not resubmissions.

Annual Meeting of the Transportation Research Board (TRB) (2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023).

Congreso Chileno de Ingeniería de Transporte (2017).

hEART Symposium of the European Association for Research in Transportation (2019, 2020).

**Other**

- Best paper award of the Institute for Transport Research of DLR 2019.
- Best paper award of the Institute for Transport Research of DLR 2018.
- Best paper award of the Institute for Transport Research of DLR 2017.
- PhD scholarship by the Chilean Council for Scientific and Technological Research – CONYCIT (2012-2016).
- Research scholarship by the Millennium Institute in Complex Engineering Systems (2011).

## Others

- Regular practice of sport (Cycling, Fitness, Football, Ice-skating, Ski, Golf, others).
- Software knowledge: MS Office, Python, R, Matlab, Visual Basic, C++, Biogeme, Ngene, SPSS, Amos, ALogit, ESTRAUS, AutoCAD, Freehand, STAAD Pro, MathCAD, PC, Mac, Linux, etc.