

## Program BIVEC-GIBET Research Days 2021

### Day 1 : 27 May 2021

12:30 - 12:40	Opening & Welcome by Bert van Wee and Mario Cools				<a href="#">JOIN</a>	
12:40 - 13:10	Keynote Maria Attard: 'Our cities - how space distribution fosters inequality in transport'					
13:10 - 13:30	Break					
13:30 - 15:00	Parallel session 1	<b>Transport geography</b> <b>Chair: Felix Pot</b> <i>Accessibility and mobility: positional goods? A discussion paper</i> by Bert van Wee  <i>Variability of people's activity space using GPS-based trajectory data</i> by Giovanni Moncayo-Unda, Marc Van Droogenbroeck, Ismail Saadi, Mario Cools  <i>Long Distance Accessibility by Air Transportation: A Literature Review</i> by Sihyun Yoo, Bert van Wee, Eric Molin  <i>Perceived accessibility: what it is and why it differs from calculated accessibility measures based on spatial data</i> by Felix Pot, Bert van Wee, Taede Tillema	<b>Social topics</b> <b>Chair: Peter van der Waerden</b> <i>Acceptability and acceptance of shared transport innovations and technologies by vulnerable groups</i> by Leen De Paepe, Veronique Van Acker, Frank Witlox  <i>Where and when should police be present? A spatiotemporal analysis of emergency call data in Antwerp, Belgium</i> by Maite de Winter, Christophe Vandeviver, Philipp M. Dau, Tom Vander Beken, Frank Witlox  <i>How commuting (time) satisfaction is influenced by changes in employment status while accounting for satisfaction with life domains? A European Analysis</i> by Richa Maheshwari, Veronique Van Acker, Jonas De Vos, Frank Witlox  <i>Social Influences in the Context of Parking: An Exploratory Study using a Stated Choice Approach</i> by Peter van der Waerden, Jaap van der Waerden	<b>Smart cities</b> <b>Chair: Claudia Bandiera</b> <i>Identification of barriers and drivers for an inclusive digital mobility system from a stakeholders' point of view</i> by Hannes Delaere, Samyjit Basu, Cathy Macharis, Imre Keserü  <i>CITIES OF EXTENDED WALKS: Redistributing space and time for pedestrian continuities</i> by Farzaneh Bahrami, Martina Barcellona Corte  <i>An Equilibrium Model for Mobility-as-a-Service</i> by Claudia Bandiera	<b>Goods transport, environment</b> <b>Chair: Naomi Van Meir</b> <i>A decade of cargo bikes in urban logistics: business model characteristics and possibilities for future growth</i> by Anan Sutaria, Joris Beckers, Ivan Dario Cardenas Barbosa, Thierry Vanelslander  <i>Get the goods in a zero-emission city: a simulation for the Brussels-Capital Region in 2035</i> by Koen Mommens, Cathy Macharis  <i>The uptake of new technologies in air traffic management. A game of split incentives</i> by Saskia van der Loo, Christophe Heyndrickx, Eef Delhaye  <i>What are the market drivers for the containerized inland navigation?</i> By Noemi Van Meir, Yasmine Rashed, Katrien Storms, Christa Sys, Thierry Vanelslander, Edwin van Hassel	<a href="#">JOIN</a>
15:00 - 15:50	Break					
15:50 - 17:10	Parallel session 2	<b>Economics</b> <b>Chair: Katrien Storms</b> <i>The value of travel speed</i> by Kees van Goeverden  <i>The Cost of Saving Money: The Case of Virtual Interlining</i> by Sarah Meire, Ben Derudder  <i>Economic analysis of demurrage and detention</i> by Katrien Storms, Christa Sys, Thierry Vanelslander, Sidharth Chaudri, Ruben Van Deuren	<b>Bike</b> <b>Chair: Kandice Kreamer Fults</b> <i>Medium Term Outlook for cycling in the Netherlands, with COVID-19 impact</i> by Bingyuan Huang, Jan Francke  <i>Attributes Influencing Cyclists' Perception of Crowdedness on Separated Two-Way Bicycle Paths: A Video Based Stated Preference Approach</i> by Peter van der Waerden, Jeffrey Schijns  <i>The Impact of Influencing Factors on E-bikes in Commuting: Evidence from an Online Choice-based Conjoint Experiment</i> by Corneel Casier, Frank Witlox  <i>A preliminary look at children's bicycle travel in Flanders from the MONITOR survey: Does involvement in traffic incidents influence a parent's guidance?</i> By Kandice Kreamer Fults	<b>Traffic flow 1</b> <b>Chair: Thomas Vanoutrive</b> <i>Tracking pre-saturation delays in signalized node models for macroscopic dynamic traffic assignment</i> by Raheleh Yahyamoazarani, Joachim Landtmeters, Chris Tampère  <i>Transformation to a trunk and feeder network: effects on passenger flows, travel times and service reliability</i> by Ties Brands, Malvika Dixit, Niels van Oort  <i>Multi-level multi-agent systems for traffic simulation: current trends and future challenges</i> by Suxia Gong, Ismail Saadi, Mehdi Moeinaddini, Mario Cools  <i>Manual vehicle classification in a citizen science traffic count initiative</i> by Thomas Vanoutrive	<a href="#">JOIN</a>	

### Day 2 : 28 May 2021

09:00 - 10:00	Parallel session 3	<b>Travel behaviour 1</b> <b>Chair: Laurent Franckx</b> <i>A Bayesian approach to activity-specific demand estimation</i> by Ariane Scheffer, Richard Connors, Francesco Viti  <i>Understanding the Factors Influencing Public Transport Mode Choice Behavior of Vietnamese Motorcyclists</i> by Son Tung Nguyen, Mehdi Moeinaddini, Hiep Trung Bui, Ismail Saadi, Mario Cools  <i>Car Pool: Carrot, Stick or Both?</i> By Laurent Franckx	<b>Pricing</b> <b>Chair: Roel Faber</b> <i>Can new price points in time shave the (hyper) peak on rail?</i> By Andriek Mastenbroek  <i>Considerations on Dynamic Pricing in Carsharing Operations</i> by Giulio Giorgione, Francesco Viti  <i>Uncovering transitions in working from home behaviour due to COVID-19</i> by Roel Faber, Mathijs de Haas, Marije Hamersma, Lizet Krabbenborg, Maarten Kroesen, Eric Molin	<b>Attitudes</b> <b>Chair: Veronique Van Acker</b> <i>The effects of personality factors and attitudes toward traffic safety on driving outcomes in a typical motorcycling country</i> by Hiep Trung Bui, Son Tung Nguyen, Ismail Saadi, Mario Cools  <i>How differences in policy affect citizen's mobility behaviour and attitudes. A comparison of COVID-19 safety measures in Luxembourg and Sydney</i> by Veronique Van Acker, Corinne Mulley	<a href="#">JOIN</a>	
10:00 - 10:30	Break					
10:30 - 11:30	Parallel session 4	<b>Travel behaviour 2</b> <b>Chair: Tibor Rongen</b> <i>Sustainable urban territories: unravelling spatial familiarity and multi-day mobility motifs</i> by Marc-Edouard Schultheiss  <i>Hyperparameter Optimization for Neural Network based Taxi Demand Prediction</i> by Nicola Schwemmler, Tai-Yu Ma  <i>A qualitative analysis of multimodal hub concepts in Dutch national transport and land-use policy</i> by Tibor Rongen, Taede Tillema, Jos Arts	<b>COVID-19 and travel behaviour</b> <b>Chair: Niels van Oort</b> <i>The impact of the COVID-19 disruption on passenger rail based on a logit model</i> by Michiel Voes, Katrien De Langhe, Christa Sys, Thierry Vanelslander, Ann Verhetsel, Jonas Crèvecoeur, Thomas Neyens  <i>Causal Analysis of SARS-COVID-19 Outbreak on European Cities Urban Mobility</i> by P. Vitello R.D. Connors, F.Viti  <i>Train traveller behaviour during and after Covid: insights of a longitudinal survey of Dutch train passengers</i> by Mark van Hagen, Menno de Bruyn, Danique Ton, Valerie Severens, Dorine Duives, Niels van Oort	<b>Rethinking mobility</b> <b>Chair: Eva van Eeno</b> <i>Framing the digital gap in mobility: a case study from Tilburg</i> by Anke Bracke, Sam Delespaul  <i>Motivations for undirected travel: Evidence for the positive utility of travel</i> by Hannah Hook, Jonas De Vos, Veronique Van Acker, Frank Witlox  <i>A car as a luxury good or a necessity: variations in car dependency in urbanized areas in Flanders (Belgium)</i> by Eva Van Eeno, Koos Franssen, Kobe Boussauw	<b>AVS</b> <b>Chair: Mario Cools</b> <i>Business models for the deployment of autonomous shuttle services on private sites</i> by Alice de Séjournet, Evy Rombaut, Lieselot Vanhaverbeke  <i>Self-driving cars - An assessment with the PLANET model</i> by Laurent Franckx  <i>Applying machine learning to explore the feeling about sharing the road with automated vehicles as a bicyclist or pedestrian</i> by Mehdi Moeinaddini, Ismail Saadi, Mario Cools	<a href="#">JOIN</a>
11:30 - 11:45	Break					
11:45 - 12:30	Parallel session 5	<b>Miscellaneous</b> <b>Chair: Stef Proost</b> <i>A comparative study of lifecycle costs for hybrid and electric vehicles</i> by Lambros Mitropoulos, Konstantinos Kouretas, Konstantinos Kepaptsoglou, Eleni Vlahogianni  European Transport and Climate: how to keep our heads cool by Stef Proost	<b>Traffic flow 2</b> <b>Chair: Raheleh Yahyamoazarani</b> <i>Local Responsive Traffic Signal Control Policies: Analysis and Comparison</i> by Gaurav Malik, Jeroen Verstraete, Chris M.J. Tampère  <i>Empirical validation of a continuum signalized node model for dynamic traffic assignment</i> by Raheleh Yahyamoazarani, Jeroen Verstraete, Chris Tampère	<b>Rail</b> <b>Chair: Christophe Heyndrickx</b> <i>Airport classification in Chinese multi-airport regions: An interaction network perspective between aviation and high-speed railway</i> by Yuting Chen, Kurt Fuellhart, Tony Grubestic, Shengrun Zhang, Frank Witlox  <i>Alternatives for the remaining non-electrified railway lines in Belgium</i> by Christophe Heyndrickx, Sebastiaan Boschmans	<a href="#">JOIN</a>	
12:30 - 12:45	Break					
12:45 - 13:15	Keynote: Veronique Van Acker: 'Softies in transport. The role of attitudes in travel behaviour research'				<a href="#">JOIN</a>	
13:15 - 13:30	Break					
13:30 - 14:00	Awards ceremony					
14:00 - 14:15	Closing by Bert van Wee				<a href="#">JOIN</a>	