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Mobile Tartu 2020 Virtual Conference

30 June 2020



UNIVERSITY OF TARTU
Mobility Lab



UNIVERSITY OF TARTU
Institute of Computer Science



Time Zone
EEST*

*EEST = CET +1

10:00-10:10	Opening, Siiri Silm					
10:10-10:40	Rein Ahas Lecture by Prof. Georg Gartner, Discussant Prof. Frank Witlox	Towards semantic location based services	Vienna University of Technology			
10:40-10:45	Break for choosing and joining parallel session					
10:45-12:00	Session 1a: Cross-border mobility, Chair Dr. Siiri Silm		Session 1b: Tracking with smartphone applications, Chair Dr. Amnir Hadachi			
10:45-11:00	Olle Järv, Tuomas Väisänen, Samuli Massinen	Twitter to reveal people crossing state borders in Europe: Cross-border interactions and mobilities in Finland and Luxembourg	University of Helsinki	Joseph Molloy, Christopher Tchervenkov, Beat Hintermann, Kay W. Axhausen	MOBIS: An 8-week mobility pricing field experiment using GPS tracking	ETH Zurich
11:00-11:15	Priit Järv	Mining tourist behavior from crowd-sourced data	Tallinn University of Technology	Anto Aasa	Development of methodological framework for smartphone based time-use survey	University of Tartu
11:15-11:30	Veronika Mooses, Siiri Silm, Tiit Tammaru, Erki Saluveer	Measuring ethnic differences in transnational activity space with mobile phone data	University of Tartu	Jukka Krisp, Maja Kalinic, Christian Röger	Extended floating bike data (xFBD) analysis – have a pleasant ride	University of Augsburg
11:30-11:45	Jussi S. Jauhiainen	Biogeopolitics of Covid-19: Asylum-related migrants at the European Union borderlands	University of Turku	Robin C.O. Palmberg, Yusak O. Susilo, Győző Gidófalvi, Fatemeh Naqavi	Towards a better understanding of the health impacts of one's movement in space and time	KTH Royal Institute of Technology
11:45-12:00	Roman Babkin	Analysis of Moscow metropolitan area settlement system pulsations based mobile phone data	Russian University of Economics and Moscow State University	Deepak Elias, Bart Kuijpers	Visit probability in space-time prisms based on Trinomial Random Walks	University of Hasselt
12:00-12:10	Virtual coffee break					
12:10-12:40	Keynote speaker Prof. Haosheng Huang, Discussant Dr. Olle Järv	Location based science - the science behind location based services	Ghent University			
12:40-12:45	Break for choosing and joining parallel session					
12:45-14:00	Session 2a: Mobile methods, Chair Dr. Anto Aasa		Session 2b: Mobile phones, travel and transportation by NECTAR, Chair Prof. Tuuli Toivonen			
12:45-13:00	Aleksey Ogulenko, Itzhak Benenson	Positioning in mobile networks: Bayesian approach vs. Voronoi tessellation	Tel Aviv University	Avital Angel, Achituv Cohen, Sagi Dalyot, Pnina Plaut	Evaluating Bluetooth sensors as a tool for collecting pedestrians' flow data	Technion - Israel Institute of Technology

13:00-13:15	I-Ting Chuang	Mapping public spaces - sensing diversity and density through social media	Singapore University of Technology and Design	Giovanny Moncayo , Ismail Saadi, Marc Van Droogenbroek, Mario Cools	Using mobile phones to collect data including user feedback for the analysis of urban mobility	University of Liege
13:15-13:30	Daniel Brandt , Omar Alnyme, Tobias Heldt	Creating a BI-tool for analyzing mobility gaps in rural areas	University of Dalarna	Nils Breyer , David Gundlegård, Clas Rydergren	Travel Mode Classification using Cellular Network Data	Linköping University
13:30-13:45	Terje Trasberg , James Cheshire	Towards data-driven retail location analysis	University College London	Egor Kotov	The role of land use and transport accessibility in trip generation: evidence from the Moscow mobile phone data	National Research University Higher School of Economics of Russia
13:45-14:00	Amalia A. Widyasanti , Titi Kanti Lestari, Siim Esko, Alfatihah Reno, Margus Tiru	The use of mobile positioning data for economic impact analysis: A case study of ASIAN Games 2018 in Indonesia	BPS Statistics Indonesia	Janika Raun , Age Poom	Visualising actual mobility flows by using different digital datasets: Applying Population Mobility Monitor in Tartu and its surroundings	University of Tartu
14:00-14:30	Lunch					
14:30-15:00	Keynote speaker Prof. Rob Kitchin, Discussant Erki Saluveer		Critical reflections on real-time mobility data		Maynooth University	
15:00-15:05	Break for choosing and joining parallel session					
15:05-16:20	Session 3a: Automated Mobilities by Jean Monnet Network on Cooperative, Connected and Automated Mobility: EU and Australasian Innovations (CCAMEU), Chair Dr. Age Poom			Session 3b: Big Data for official statistics by UN Big Data Global Working Group, Chair May Offermans		
15:05-15:20	Miloš N. Mladenović , Dominic Stead, Dimitris Milakis, Kate Pangbourne, Moshe Givoni	Governance cultures and sociotechnical imaginaries of self-driving vehicle technology: Comparative analysis of Finland, UK and Germany	Aalto University	Ronald Jansen	Mobile Phone Data projects for official statistics	Statistics Division at United Nations
15:20-15:35	Anna Brauer , Ville Mäkinen, Juha Oksanen	Measuring city cycling - from mobile tracking data to the cycling traffic fluency index	Finnish Geospatial Research Institute	Titi Kanti Lestari , Alfatihah Reno, Jaanus Kroon, Siim Esko, Ririn Salwa Purnamasari	Better outbound tourism and migrant workers statistics through integration of mobile positioning data with immigration data	BPS Statistics Indonesia
15:35-15:50	Age Poom, Elias Willberg , Joose Helle, Akseli Toikka, Tuuli Toivonen	Travel-time environmental exposure as a proxy for urban travel quality: Street-level green views while using shared bikes in Helsinki	University of Helsinki	Erki Saluveer, Janika Raun, Margus Tiru, Laura Altin, Jaanus Kroon , Tarass Snitsarenko, Anto Aasa, Siiri Silm	12 years of official tourism statistics from mobile positioning data	Positium
15:50-16:05	Mayoekh Sikka	Determining environmental and social impacts of different commuting behaviors of workers: use of Mobile Phone Data (MPD)	European Institute for Energy Research	François Sémécurbe , Milena Suarez Castillo	Location precision in mobile phone data	Insee
16:05-16:20	Tobias Heldt , Daniel Brandt, Ewa Glińska,	Using multiple data sources to analyse mobility demand in	Dalarna University	Erki Saluveer	Monitoring the effectiveness of COVID-19-related mobility restrictions in Estonia	Positium

	Kimmo Nurmio, Kari Oinonen, Age Poom, Janika Raun, Ewa Rollnik-Sadowska, Urszula Ryciuk, Kati Vierikko	touristic remote areas around the Baltic sea				
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16:20-16:30 Virtual coffee break

16:30-17:00	Keynote speaker Prof. Esteban Moro, Discussant Prof. Tiit Tammaru	Atlas of Inequality: segregation at high resolution in urban areas	Carlos III University of Madrid
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17:00-17:10 Closing