

MOBILE TARTU 2014 PROGRAM
Tartu, Estonia
<http://mobilitylab.ut.ee/mobiletartu/2014/>

Tuesday, July 1st

11.00	Bus to the PhD seminar departs from the front of the location of the conference: University of Tartu, Riia 23b – 105, Tartu 58.372881N, 26.717800E			
Location of the PhD seminar: Järveveere holiday centre, near Tartu http://www.jpke.ee/index_eng.html				
13.00	Lunch, introduction of participants, accommodation in rooms			
14.00	Introduction to the PhD seminar prof. R. Ahas			
14.10	Keynote: Prof. Harvey J. Miller	Green accessibility: calculating the environmental costs of space-time prisms in sustainable transportation planning	Department of Geography, Ohio State University	US
14.40	Mattias Linnap	Evaluation of centralised management for participatory sensing	Computer Laboratory, University of Cambridge	UK
15.00	Field experiment: Mobile tracking, data management and analysis			
Session: Mobile Tracking I (Chair: Dr. O. Toomet)				
18.00	Keynote: Prof. Gennady Andrienko	Space transformation for understanding group movement: what we could learn about the participants of Mobile Tartu 2012	Fraunhofer IAIS and City University London	DE; UK
18.30	Kaisa Vent	„Where space and time meet“: identifying activity places with YouSense smartphone tracking data	Department of Geography, University of Tartu	EE
18.45	Age Poom	Mobile positioning data used to explore the transport management in the SMEs of knowledge intensive service sector	Department of Geography, University of Tartu	EE
19.00	Dinner			
20.00	Group works			
21.00	Social evening, sauna, lake			

Wednesday, July 2nd

8.00	Breakfast			
Session: BIG Data (Chair: Prof. M. Zook)				
8.40	Fernando Reis	Eurostat work in the area of Big Data and the Scheveningen Memorandum	Eurostat	LU
9.00	Margus Tiru	Feasibility study on the use of mobile positioning data for tourism statistics	Positium LBS	EE
9.20	Anto Aasa	Seasonal society: relationships between the length of a day and the circadian rhythm of mobile communication activity	Department of Geography, University of Tartu	EE
9.40	Presentation of field work results, discussion			
10.30	Departure to Tartu			
Time for accommodation check-in and lunch on your own, snacks and coffee available also in the venue when arriving.				
Location of the conference: University of Tartu, Riia 23b – 105, Tartu 58.372881N, 26.717800E				
12.00	Registration opens			
12.40	Opening			
Session: Time geography (Chair: Prof. K. Axhausen)				
12.50	Keynote: Prof. Pnina Plaut	Defining research agenda for COST Action TU1305 “Social networks and travel behaviour”	Technion - Israel Institute of Technology	IL
13.20	Jakub Novak, Lucie Pospíšilová, Jana Temelová	Temporality of urban space: The city around the clock revisited	Department of Social Geography and Regional Development, Charles University in Prague	CZ
13.40	A. Yair Grinberger, Noam Shoval	A temporal-contextual analysis of urban dynamics using location-based data	Department of Geography, The Hebrew University of Jerusalem	IL
14.00	Siiri Silm, Rein Ahas	Measuring ethnic composition by passive mobile positioning data in case of Estonians	Department of Geography, University of Tartu	EE
14.20	Irma Kveladze, Menno-Jan Kraak	The effectiveness of space-time cube in the analysis of movement data; the case of Tallinn suburban commuters	Department of Geoinformation Processing, University of Twente	NL, GE

14.40	Coffee break			
Session: Social Geography I (Chair: Prof. N. Shoval)				
15.00	Keynote: C. Ratti	Senseable mobilities	MIT	US
15.30	Matthew Zook, Taylor Shelton, Ate Poorthuis	Social media and the city: using big data and critical geovisualization for urban research	Department of Geography, University of Kentucky	US
15.50	Veronika Mooses	Ethnic segregation during public and national holidays: a study with mobile phone data	Department of Geography, University of Tartu	EE
16.10	Pilleriine Kamenjuk, Anto Aasa	Migration to rural areas and its connections with daily mobility	Department of Geography, University of Tartu	EE
16.30	Coffee break			
Session: Social Geography II (Chair: Prof. M-J.Kraak)				
16.50	Keynote: Prof. Noam Shoval	What can GPS tracking tell us about segregation in cities? Empirical exploration of the extreme (?) case of Jerusalem	Department of Geography, The Hebrew University of Jerusalem	IL
17.20	Joshua Blumenstock, Ott Toomet	Segregation in space and social networks	Information School, University of Washington; Department of Economics, University of Tartu	US; EE
17.40	Rein Ahas, Siiri Silm	Social networks and ethnic segregation: case study with CDR data in Tallinn	Department of Geography, University of Tartu	EE
18.00	Luca Pappalardo, Giovanni Lima, Pierpaolo Paolini, Maarten Vanhoof, Zbigniew Smoreda, Dino Pedreschi, Fosca Giannotti	Sociality, Mobility and Wealth indicators: a study in France based on big mobile phone data	Department of Computer Science, University of Pisa; Orange Lab	IT; FR
18.20	Tim Elrick	LBS in daily routines. Theoretical and methodological considerations of how location based services change spatial practices	Department of Geography, University Erlangen-Nuremberg	DE

18.40	Conference group picture in front of the Riia 23b - 105
20.00	Conference dinner at Tartu Ülikooli kohvik: food, music. Location: Ülikooli 20, Tartu

Thursday, July 3rd

Session: Mobile methods I (Chair: Prof. H. Miller)				
9.00	Keynote: Prof. Kay W. Axhausen	Familiar strangers: A network of encounters	Institute for Transport Planning and Systems, ETH Zürich	CH
9.30	Elis Kõivumägi, Artjom Lind, Amnir Hadachi, Georg Singer, Eero Vainikko	Profiling mobile subscribers using a semantically enriched cell plan	University of Tartu, Institute of Computer Science; Demograft Project, Software Technology and Applications Competence Center	EE
9.50	Edward Verbree, Stefan van der Spek, Wilko Quak	Enhancing bluetooth scans with the use of GPS tracks	Department of Geodesy, Department of Urban Design, Delft University of Technology	NL
10.10	Juha Oksanen, Jani Sainio, Jan Westerholm	Where to ride a bike? Methods for deriving privacy-aware heat maps from sports tracking application data	Department of Geoinformatics and Cartography Finnish Geodetic Institute; Department of Information Technologies, Abo Akademi University	FI
10.30	Barbara Furletti, Lorenzo Gabrielli, Giuseppe Garofalo, Fosca Giannotti, Letizia Milli, Mirco Nanni, Dino Pedreschi, Roberta Vivio	Measuring urban population and inter-city mobility using big data in an integrated approach	KDD LAB - University of Pisa, ISTAT, KDD LAB ISTI CNR	IT
10.50	Coffee break			

Session: Mobile Tracking II (Chair: Prof. G. Andrienko)				
11.10	Michelle Fillekes, Patrick Laube, Walied Othman	Reconstructing trajectories from sparsely distributed Call Detail Record (CDR) data - A case study with Estonian mobile phone users	GIS Division, University of Zurich	CH
11.30	Toivo Vajakas, Jaan Vajakas, Rauni Lillemets	Trajectory reconstruction from mobile positioning data and quality estimation based on traffic density data	Institute of Mathematics, University of Tartu; Regio AS; Software Technology and Applications Competence Centre	EE
11.50	Jukka M. Krisp, Andreas Keler, Nicole Karais	Personalized in-car routing avoiding complicated crossings	Department of Cartography, University of Augsburg	DE
12.10	Cecilia Bergman, Juha Oksanen	Conflation of OpenStreetMap and public Sports Tracker data for automatic routing	Department of Geoinformatics and Cartography, Finnish Geodetic Institute	FI
12.30	Roland Mäe, Erki Saluveer	Activity based transportation model on CDR data	Department of Logistics and Transport, Tallinn University of Technology; Positium LBS	EE
13.00	Lunch			
Session: Mobile methods II (Chair: Dr. A. Aasa)				
13.50	Toivo Vajakas, Jaan Vajakas	Mathematical model for estimation of spatial probability density function on individual cell level for passive mobile positioning data	Institute of Computer Science, Institute of Mathematics, University of Tartu	EE
14.10	Erki Saluveer, Taavi Pipar	Identifying social events with passive mobile positioning data	Positium LBS; Department of Geography, University of Tartu	EE
14.30	Kristian Hegner Reinau, Henrik Harder, Noam Shoal	Putting the family in focus: How GPS data can reveal interactions among family members and how families use the city	Department of Development and Planning, Aalborg University	DK
14.50	Yolonda Youngs	Creating a Digital Yellowstone: Mobile Technology, Geography, Situated Learning, and History	Department of History, Idaho State University	US

15.10	Joaquín Torres-Sospedra, Raúl Montoliu, Mauri Benedito-Bordonau, Joan Avariento, Ana Sanchis, Joaquín Huerta	SmartUJI: A Smart Campus Application for Mobile Devices	Department of Information Systems, University Jaume I	ES
15.30	Coffee break			
Session: Urban Studies (Chair: Prof. P.Plaut)				
15.50	Keynote: Prof. Matthew Zook	Urban augmented realities and geography	University of Kentucky	US
16.20	Henrikki Tenkanen, Tuuli Toivonen	In search of global surrogate for human activity – What can we learn from geospatial social media data?	Department of Geoscience and Geography, University of Helsinki	FI
16.40	Robert M. Edsall	Volunteered geographic analysis and crowd-sourcing Geo-data exploration	Department of History, Idaho State University	US
17.00	Closing			

