TOWARDS HUMAN SCALE CITIES OPEN AND HAPPY

15th biennial NECTAR conference
University of Helsinki, Finland
5-7 June 2019
## Conference Program

### Wednesday 5 June

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00-17:00</td>
<td>Conference registration</td>
</tr>
<tr>
<td>13:00-13:30</td>
<td>Conference opening</td>
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<tr>
<td>13:30-14:30</td>
<td>Keynote talk: Mikael Colville-Andersen</td>
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<tr>
<td>14:30-15:00</td>
<td>Coffee break</td>
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<tr>
<td>15:00-17:00</td>
<td>Parallel sessions I</td>
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### Thursday, 6 June

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>9:00-10:00</td>
<td>Keynote talk: Tim Schwanen</td>
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<tr>
<td>10:00-11:00</td>
<td>Panel discussion</td>
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<td>11:00-11:30</td>
<td>Coffee break</td>
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<td>11:30-12:30</td>
<td>Lunch</td>
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<td>13:30-15:30</td>
<td>Parallel sessions II</td>
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<tr>
<td>15:00-15:30</td>
<td>Coffee break</td>
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### Friday, 7 June

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<th>Time</th>
<th>Event</th>
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<tr>
<td>9:00-11:00</td>
<td>Parallel sessions IV</td>
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<tr>
<td>11:30-12:30</td>
<td>Lunch</td>
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<tr>
<td>13:20-14:50</td>
<td>Keynote talk: Mikael Colville-Andersen</td>
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<td>13:30-15:30</td>
<td>Parallel sessions V</td>
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<tr>
<td>15:00-15:30</td>
<td>Conference closing</td>
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<tr>
<td>16:00-18:00</td>
<td>Parallel sessions III</td>
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### Notes
- The conference opening, keynote talks and panel discussion are open to stakeholders and the general public.

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**Jätkäsaari visit:**
Renewed Waterfront
17:30-19:30
Meeting point: Clarion Hotel, Living Room & Bar

**Experience the Helsinki Archipelago**
20:00-0:30
Meeting point: Kauppatorni Pier
Bring your sauna gear (towel, swimsuit, sandals)

**Jatkat**
( unofficial get-together)
20:00-
Bryggeri Brewery
at own expense

**Unofficial dinner**
20:00-
at own expense

Note: The conference opening, keynote talks and panel discussion are open to stakeholders and the general public.
Conference venue and surroundings

(Please find floor plans of the University main building at the end of this booklet)

Important information

Emergency telephone number: 112

Conference emergency contact: +358 50 3129 196

Wireless network: At all University of Helsinki sites, eduroam is available. Please use the credentials you use at your home institution. If your institution is not a partner in the eduroam network, you can connect to the (unencrypted) network Univ Helsinki HUPnet using the user name hupnet118550 and password jesper49uurna.


Wednesday, 5 June 2019

11:00 Registration
University of Helsinki main building (new side), Fabianinkatu 33, Aula

13:00 Open plenary session
University of Helsinki main building (old side), Unioninkatu 34
Great Hall (Saari Juhlasali)

Opening words by the chair of the local organising committee
Professor of Geoinformatics
Tuuli Toivonen, University of Helsinki

Opening words by the NECTAR chair
Karst Geurs, University of Twente

Opening words by the City of Helsinki
Reetta Putkonen, City of Helsinki

Keynote talk: Mikael Colville-Andersen

14:30 Coffee break
University of Helsinki main building (old side), Unioninkatu 34
Etulämpiö, 2nd floor

15:00 Parallel sessions I
University of Helsinki main building (old side), Unioninkatu 34

Widening Impact Analysis and Participation in Project Appraisal (CL1 Thematic Session)
Auditorium II
Chair: Robin Hickman

1. Shoshanna Saxe, University of Toronto
Timelines of urban transport infrastructure delivery: From idea to operation

2. Mengqiu Cao, University of Westminster
A bottom-up process for transport infrastructure evaluation: The wider ‘intangible impacts’ on choice of transport mode for residents living in Underground station areas

3. Katy Indira Huaylla Sallo, UCL
The political economy of street space reallocation: Aldgate Gyratory & Bank Junction, London

4. Egor Kotov, National Research University Higher School of Economics
The effects of introduction of the Moscow Central Circle rail passenger service: transport, urban, economic and travel behaviour consequences

Spatial interaction and regional development (CL4 Thematic Session)
Auditorium III
Chair: Thomas de Graaff

5. Jie Huang, Chinese Academy of Sciences
Tracking job and housing dynamics with smartcard data

6. Thomas de Graaff, Vrije Universiteit Amsterdam
Housing market structure as barriers to moving residence: a multilevel approach

Promoting valuable urban travel experiences based on personal mobility data (MoTiV Special Session)
Auditorium XIII
Heikki Waris, CoReorient Oy

Welcome words

Panel and Q&A: How to enable data-driven MaaS and service development
Matti Hamalainen, Forum Virium Helsinki Oy
Heikki Waris, CoReorient Oy
Sami Sahala, Ministry of Transport & Communications, FI
Moderator: Heikki Waris, CoReorient Oy

Panel and Q&A: Challenges and learnings from app-based mobility research
Yannick Cornet, University of Žilina
Heikki Waris, CoReorient Oy
Miguel Barreda, Eurecat Technology Centre
Moderator: Henrikki Tenkanen, University College London

Yannick Cornet, University of Žilina
MoTiV research impact for promoting valuable urban travel experiences

M4
Harri Paloheimo, CoReorient Oy
Field experiences and advice on co-innovating solutions to urban challenges

17:00 Open NECTAR cluster meetings
University of Helsinki main building (old side), Unioninkatu 34

Cluster 1
Auditorium II

Cluster 2
Auditorium III

Cluster 3
Auditorium XI

Cluster 4
Auditorium IV

18:00 Welcome reception by the University of Helsinki
Lehtisali & Etulämpiö

Opening words
Dean of the Faculty of Science, Professor in Computational Materials Physics
Kai Nordlund, University of Helsinki

19:00 Jatkot
Brewery Bryggeri, Sofiankatu 2
Afterparty (at own expense)
### Keynote speaker

**Mikael Colville-Andersen**

Mikael Colville-Andersen is one of the leading global voices in urbanism, He advises cities and businesses on how to design –and embrace– bicycle and pedestrian friendly streets in order to improve urban life. Mikael is known for his pioneering philosophies of simplifying urban planning and how cities and towns should be designed instead of engineered.

Mikael is the author of Copenhagenize - the definitive guide to global bicycle urbanism and the host of the urbanism television series The Life-Sized City. His keynotes on how to make cities better inspire audiences around the world.

Mikael Colville-Andersen will speak about how cities should be at the forefront of fighting climate change, the bicycle’s primary role in this task and how this Age of Urbanism is inspiring citizens around the world.

### Accessibility impacts

Auditorium XI  
Chair: Steven Farber  
10. Genevieve Boisjoly, Polytechnique Montreal  
Assessing the impacts of accessibility by public transport and income on mode choice in Recife, Brazil  
11. Borja Moya-Gómez, IGIS / Universidad Complutense de Madrid  
Identifying causes of low urban accessibility  
12. Steven Farber, University of Toronto  
Planning Transportation for Social Inclusion: Quantifying the Accessibility-Activity Participation Relationship for Low-Income Households

### Human scale mobility innovations

CL8 Thematic Session  
Auditorium IV  
Chair: Emmanouil Tranos  
14. Fabio Antoniali, CentraleSupélec  
Governance of autonomous urban mobility platforms: a conceptual analysis within big data context  
15. Maart Kahila, Aalto university  
Does mapping improve public participation? Exploring the pros and cons of using public participation GIS in urban and transportation planning practices

### Experiences & choices – mode, destination & well-being

Auditorium XII  
Chair: Yusak Susilo  
17. Luc Wismans, University of Twente  
The governance of Smart Mobility: connected cyclists to traffic light controllers case  
18. Rumana Islam Sarker, University of Innsbruck  
Applying affective event theory to explain transit users’ reactions to service disruptions  
19. Rebecca Shliselberg, Tel Aviv University  
The Contribution of Motility to Women’s Personal Wellbeing: A Quantitative Analysis

### Cycling and bike-sharing

Auditorium XVI  
Chair: Andrés Monzón  
78. Lissy La paix, University of Twente  
Spatial autocorrelation of pedestrian and bicycle crashes using network attributes and GPS-based smartphone data  
79. Gustavo Romanillos, Universidad Complutense de Madrid  
Analysing and modelling the location of stations in bike-share systems: planning the optimal growth of existing programs  
80. Tom Thomas, University of Twente  
Smartphone challenges to stimulate cycling: Clues from a Living Lab with SMART in Enschede  
81. Elias Willberg, Digital Geography Lab, University of Helsinki  
Equity of bike sharing – lessons learned from Helsinki

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**Wednesday, 5 June 2019**
### Thursday, 6 June 2019

#### 9:00 Conference registration
- University of Helsinki main building (new side), Fabianinkatu 33
  - Aula

#### 9:00 Open plenary session
- Tiedekulma/Think Corner, Yliopistonkatu 4
  - Chair: Karst Geurs
  - **Keynote talk: Tim Schwanen**
  - Panel discussion: “How to plan open and happy cities?”
  - Discussant: Tuuli Toivonen
  - Panelists:
    - Tim Schwanen, Director of the Transport Studies Unit, Associate Professor in Transport Studies and Human Geography, University of Oxford
    - Milos Mladenovic, Assistant Professor, Transportation engineering, Aalto University
    - Johanna Palomäki, Planning Manager, City Of Espoo
    - Jarkko Jaakkola, Area Manager, Finland & Baltics, MaaS Global

#### 11:00 Coffee break
- Tiedekulma/Think Corner, Yliopistonkatu 4

#### 11:30 Open NECTAR cluster meetings 🎯
- University of Helsinki main building (old side), Unioninkatu 34
  - Cluster 5
    - Auditorium Ⅱ
  - Cluster 6
    - Auditorium Ⅲ
  - Cluster 7
    - Auditorium XI
  - Cluster 8
    - Auditorium IV

#### 12:30 Lunch 🍽️
- University of Helsinki main building (new side), Fabianinkatu 33
  - 1st floor

#### 13:30 Parallel sessions II
- University of Helsinki main building (old side), Unioninkatu 34
  - **Widening Impact Analysis and Participation in Project Appraisal (CL1 Thematic Session)**
    - Auditorium Ⅱ
    - Chair: Imre Keserü
    - 31 Jesse Pappers, Vrije Universiteit Brussel
      - Learning through evaluation: the application of the Multi-Actor Multi-Criteria Analysis in co-creation to solve mobility problems
    - 32 Stephan Tischler, University of Innsbruck
  - **Spatial interaction and regional development (CL4 Thematic Session)**
    - Auditorium Ⅲ
    - Chair: John Östh
    - 34 Chia-Lin Chen, University of Liverpool
      - High mobility in China? The impact of high-speed rail on work-related commuting: A case study of Suzhou-based commuters
    - 35 Cristóbal Mendoza, Universidad Autónoma Metropolitana-Iztapalapa
      - Everyday spaces of a group of skilled immigrants in Mexico: Geographies of comfort and restricted mobilities
    - 36 Jean-Daniel Saphores, University of California Irvine
      - Why Do They Live so Far From Work? Determinants of Long-Distance Commuting in California
    - 37 Umut Türk, Abdullah Gül University
      - How much does geography contribute? Measuring Inequality of Opportunities using a bespoke neighbourhood approach
  - **Happiness through Accessibility (CL6 Thematic Session)**
    - Auditorium XI
    - Chair: Ahmed El-Geneidy
    - 39 Jonathan Levine, University of Michigan
      - A Century of Evolution of the Accessibility Concept
    - 38 Claudia Bergroth, Digital Geography Lab, University of Helsinki
      - Incorporating dynamic population in accessibility research: a case study from Helsinki, Finland
    - 41 Jean Ryan, Lund University and K2
      - How to assess accessibility: subjective accounts, objective measures, or both?
    - 40 Roberto Patuelli, University of Bologna
      - The Role of Accessibility and Spatial Interaction in a Doubly Constrained Model: Evidence for Domestic Tourism Flows in Italy
changing landscapes of mobility for future social and health inequalities (CL7 thematic session)
Auditorium IV
Chair: Tanu Priya Uteng

42 Maria Attard, University of Malta
The inequalities of a car-based transport system in Malta

43 Jessica Berg, Swedish national road and transport research institute VTI
How can public transport contribute to social equity? A study of mobility in socially deprived urban areas in Sweden

44 David Duran-Rodas, TUM
Spatial (in)justice in bike sharing systems: Built environment and social factors analysis among residential areas

45 Ignacio Tiznado Atien, Pontificia Universidad Católica de Chile
Exploring the use of qualitative data to enhance the understanding of accessibility through public transport

Experiences & choices – mode, destination & well-being 2
Auditorium XII
Chair: Ann Verhetsel

47 Saidul Chowdhury, Sweco Nederland BV
Intrapersonal Variation in Destination Choice

46 Lars Böcker, University of Oslo
Access, egress and transfers in multimodal public transport: Implications for subjective wellbeing and en route place valuation

48 Marie-Jose Olde Kalter, Goudappel Coffeng / University of Twente
Dynamics in mode choice behaviour: the relationship between trip distance and changes in mode use variation

49 Ann Verhetsel, University Of Antwerp
Commuters’ burden revisited: The relationship between travel time and well-being

Mobility-as-a-Service – case studies
Auditorium XVII
Chair: Karst Geurs

51 Bhavana Vaddadi, KTH- Royal Institute of Technology
Measuring system level effects of Corporate MaaS – A case study in Sweden

50 Anna-Maria Feneri, Technical University of Eindhoven
Mobility-as-a Service in the Netherlands: The implementation of a Dynamic Choice Experiment to Examine Travel Behavior Adaptations

52 Konstantinos Gkotsoulis, University of Twente
Mobility-as-a-Service in a depopulating area: An exploration of small and big data

53 Karst Geurs, University of Twente
Fancy some MaaS, Paleiskwartier? How residents in a densely populated neighbourhood in the Netherlands welcome the introduction of a Mobility-as-a-Service pilot and how it impacts on reducing parking needs

Tourism in Open and Happy Cities (CL5 thematic session)
Auditorium XVI
Chair: Peter Nijkamp

54 Antoni Domènech, Universitat Rovira i Virgili
First-time cruise tourists’ intention to recommend a port city: space and time matter

55 Ayelet Gal-Tzur, Ruppin Academic Center
Which tourists use public transport? panel data analysis

56 Janika Raun, University of Tartu
The Role of Major Gateways on National Tourism Flows

57 Ralph Wahnschafft, Frank Wolter , Global Forum on Human Settlements
Sustainability of waterborne transport in European tourist destination cities: Assessing experiences with battery-powered excursion boats

Keynote speaker

Tim Schwanen
Dr. Tim Schwanen is Director of the Transport Studies Unit, Associate Professor of Transport Studies in the School of Geography and Environment, and Fellow at St. Anne’s College.

“Urban Mobility, Wellbeing and Inequality: Understanding the Relationships”

The literature on transport and wellbeing is burgeoning, with many studies seeking to examine in particular the hedonic experience of travel behaviour. Research in this vein is a welcome and important complement to the conventional focus on cost, speed, convenience and attitudes in transport studies.

Nonetheless, wellbeing as a concept is much broader than hedonic experience or indeed subjective experience, and transport studies can benefit from harnessing and advancing other conceptions. This is particularly important if transport scientists want to consider questions of inequality and justice alongside or as part of wellbeing, and understand the transport-wellbeing nexus in cities across the planet.

Cities are, after all, not only the sites where most people live and sustainable mobility might be achieved most easily but also the places where inequalities run deepest. This presentation will elaborate a transport-related conception of wellbeing that is eudaimonic and rooted in Amartya Sen’s capability approach yet also moves beyond this to consider the relational, emergent and experiential nature of capabilities as they relate everyday mobility.

To this end the presentation will also draw on and rework on the concepts of ‘motility’ and ‘spaces of wellbeing’. It will utilise empirical research about cycling and walking in São Paulo and London to illustrate salient aspects of the interrelations between wellbeing and travel behaviour. One insight emerging from this manner of thinking is that wellbeing cannot be understood as inhering in individuals but rather is an always-emergent quality of shifting configurations of humans and all kinds of other urban elements.
Thursday, 6 June 2019

15:30 Coffee break
University of Helsinki main building (old side), Unioninkatu 34
Etulämpiö, 2nd floor

16:00 Parallel sessions III
University of Helsinki main building (old side), Unioninkatu 34

Planning the future of transport for sustainable, open and happy cities (CL2 Thematic session)
Auditorium II
Chair: Maria Attard

58 Juan Francisco Coloma, Universidad Politecnica de Madrid
Environmental strategies for selecting eco-routing in small cities

59 Ligia Conceição Pereira, University of Porto, Faculty of Engineering
How transport planning in urban regions shall be addressed to integrate automated vehicles reality: a mixed traffic analysis

60 Olaf Jonkeren, KiM Netherlands Institute for Transport Policy Analysis
Bicycle parking at railway stations for sustainable cities

61 Richard Quodomine, City of Philadelphia
Towards a practical municipal investment paradigm: How do municipal governments prioritize access to municipal services through investment using GIS in both the short and long term?

Accessibility modelling and the evaluation of EU-wide policies (Special session JRC)
Auditorium III
Chair: Mert Kompil

65 Hugo Poelman, European Commission - DG REGIO
Measuring daily accessibility by road and rail in Europe’s regions and territories

63 Alexander Lembcke, OECD Centre for Entrepreneurship, SMEs, Regions and Cities
Roads, market access and regional economic development

62 Mert Kompil, Aris Christodoulou, European Commission, Joint Research Centre
Measuring accessibility and congestion in European cities

64 Dimitrios Papaioannou, ITF-OECD
Measuring accessibility in urban Europe

Accessibility through Accessibility (CL6 Thematic Session)
Auditorium XI
Chair: Benjamin Büttner

66 Jinhyung Lee, The Ohio State University
Measuring reliable transit accessibility considering travelers’ multi-criteria route choice

67 Amparo Moyano, University of Castilla La Mancha
Assessing spatiotemporal variations of traffic congestion: comparison of 2012 and 2018 accessibility scenarios in Madrid

68 Elias Pajares, Technical University Munich
GOAT: a dynamic and open accessibility tool for modelling and encouraging active mobility

69 David Vale, University of Lisbon, Lisbon School of Architecture, CIAUD
How much are we overestimating accessibility by ignoring the cost of travel? Comparing multimodal effective accessibility for different income groups

19:00 Welcome reception by the City of Helsinki
Old Town Hall (Vanha Raatihuone), Aleksanterinkatu 20
Empresali
Opening words
Director, Urban Research and Statistics
Timo Cantell, City of Helsinki

20:00 Experience the Helsinki archipelago
Meeting point: Kauppatori Pier
Hosts: Elias Willberg, Henriikki Tenkanen, Tuomas Väisänen

Boat trip to Isosaari island
The boat leaves at 20:30, strictly, from Kauppatori Pier (5 min. walk from the reception hall)
Bring warm clothes (hat, jacket, gloves)
Sauna and barbecue
Bring your sauna gear (towel, swimsuit, sandals)!

Boat trip back to Kauppatori
Thursday, 6 June 2019

Changing landscapes of mobility for future social and health inequalities (CL7 Thematic Session)
Auditorium IV
Chair: Michael Widener

Juan Carrasco, Universidad de Concepcion
Accessibility to healthy food: A multi-method analysis approach from Chile

Daniel Oviedo Hernandez, University College London
Drawing the (base)line: exploring the links between liveability and health equity in Cali’s Corredor Verde

Marina Van Geenhuizen, Delft University of Technology, Faculty of Technology, Policy and Management
Traffic Noise and Health Risk: What the Role of Citizen-Sensing May Be

Michael Widener, University of Toronto
Comparing time use, transportation options, and dietary behaviours in three Toronto, Canada neighbourhoods: Initial results from the FASTT Survey

Human mobility & social integration
Auditorium XII
Chair: Marina Toger

Carolina Duarte Gonçalves Ramos, Architecture School of University of Lisbon
Walkability as an element of integration of public policies

Kamyar Hasanazadeh, Aalto University
Monocentric, bicentric, or polycentric? The varying ways young and old adults use neighborhoods and extra-neighborhoods spaces in Helsinki Metropolitan Area

Marina Toger, Uppsala University
When people meet in cities how far do they integrate? Exploring mixing and functional use at various spatial scales

Mobility-as-a-Service – challenges and opportunities
Auditorium XII
Chair: Eric Miller

Rodrigo Gandia, CentraleSupélec
Mobility as a Service (MaaS) Ecosystem: The Eco-Innovative Business Model of Mobility

Iria Lopez Carreiro, TRANSyT - Universidad Politécnica De Madrid
Evaluating the implementation of a MaaS travel assistance App in metropolitan areas from travellers and urban stakeholders’ point of view

Emmanouil Tranos, University of Birmingham
The effect of Uber on Yellow Taxis in New York

Eric Miller, University of Toronto
A Conceptual Framework for Modelling the Supply Side of Mobility Services within Large-Scale Agent-Based Models

Tourism in Open and Happy Cities (CL5 Thematic Session)
Auditorium XVI
Chair: Luca Zamparini

José M. Coronado, Universidad de Castilla - La Mancha
Pedestrian behaviour associated to specific events in small cities: assessing the behaviour of the FENAVIN conference attendees through GPS tracks in Ciudad Real

Kazuo Nishii, University of Marketing and Distribution Sciences
Preconditions of introducing integrated mobility services in tourism destinations in Japan: Toward more attractiveness in urban tourism

Anthony Perl, Simon Fraser University
Exploring the evidence on mobility and quality of life among Vancouver’s hospitality workers

Luca Zamparini, Università del Salento
Mobility at tourist destinations and everyday transport choices of young people: A cross-country survey

Important information for the Helsinki archipelago experience
Please bring warm clothes for the boat ride. Please bring your own towel and swimming suit for the sauna. Sauna is mixed between ladies and gentleman but there are separate dressing rooms. You can swim from the sauna swimming pier. Please do not swim alone. Food is served at grilling spot Drinks are served at sauna and grilling spot Additional drinks can be bought at own expense from the restaurant Return to the mainland departs at 23:45 sharp from main pier Boat will arrive to Helsinki market square around 00:30.
### Parallel sessions IV

**Analysing cross-border mobility**
- **Auditorium II**
- Chair: Juan Carlos Martín

**New views on walkability**
- **Auditorium III**
- Chair: Milos Mladenovic

**Mega events and transport (Special session IGU)**
- **Auditorium XI**
- Chair: Richard Knowles

- **124** Maurizio Mussoni, University of Bologna
  Centralized vs Decentralized Tourism Policies: a Spatial Interaction Model Framework

- **87** Olle Järv, Digital Geography Lab, University of Helsinki
  Implementation of Big Data in cross-border mobility research: a Twitter case study from the Greater Region of Luxembourg

- **88** Juan Carlos Martín, University of Las Palmas GC
  A MCA-DEA method to measuring immigration openness in 23 countries. An analysis of the 2016 European Social Survey

### Parallel sessions V

**Green and electric cars**
- **CL2 Thematic Session**
- **Auditorium II**
- Chair: Maria Attard

**Revealing socio-economic equities**
- **Auditorium III**
- Chair: Renata Oliveira

**Methods for analysing spatial accessibility patterns**
- **Auditorium XI**
- Chair: Henrikki Tenkanen

- **107** Hans Nijland, PBL
  Electrification of the Dutch national car fleet

- **108** Aviv Steren, Ben-Gurion University of the Negev
  The clash of policies: Do green cars affect driving behavior?

- **114** Mauro Pereira, Lisbon University
  The socio-economic equity through built environment characteristics – The context of Metropolitan Area of Lisbon

- **113** Renata Oliveira, Federal Center for Technological Education of Minas Gerais
  Accessibility to food systems in Belo Horizonte, Brazil

### Parallel sessions VI

**Property values & accessibility**
- **Auditorium II**
- Chair: John Nellthorp

**Tourism, perceptions and well-being**
- **Auditorium III**
- Chair: João Romão

**Wayfinding and navigation**
- **Auditorium XI**
- Chair: Dea Van Lierop

- **123** Adam Radzimski, Adam Mickiewicz University in Poznań
  The effects of public transport improvements on travel behaviour, housing choices and property values – evidence from a Polish city with new tram network

- **86** Vuokko Heikinheimo, Digital Geography Lab, University of Helsinki
  Estimating the origins and destinations of social media users for mobility studies: a critical comparison of measuring techniques

- **129** Christoffer Weckström, Aalto university
  Navigability - the forgotten dimension in public transport network overhaul assessment
The Logistics of Living in Cities (CL3 Thematic Session)
Auditorium IV
Chair: Cathy Macharis

95 Alessandra Boggio Marzet, TranssyT-Universidad Politécnica de Madrid
Energy efficiency of urban freight in Madrid: comparison between urban and suburban deliveries

97 Dirk Wittowsky, ILS - Research Institute for Regional and Urban Development
Blessing or Curse? How E-Commerce is Transforming our Cities and Mobility

96 Cathy Macharis, Vrije Universiteit Brussel
The difficult road to decarbonizing the freight transport sector: a participatory exploration for Flanders

Impacts of new infrastructures
Auditorium XII
Chair: Joao De Abreu e Silva

98 Zhenhua Chen, The Ohio State University
Socioeconomic Impact Assessments of High-Speed Rail: A Meta-Analysis

99 Joao de Abreu e Silva, Instituto Superior Técnico
The impact of motorway expansion on urban growth patterns: the case of Portugal between 1991 and 2011 (Orig. P.Melo)

Telecommuting, e-shopping and accessibility
Auditorium XII
Chair: Rob Konings

102 Hannah Budnitz, University of Birmingham
Telecommuting and the accessibility of amenities

103 Rob Konings, Delft University of Technology
How e-shopping impacts on walking time-willingness to retail destinations

Human scale mobility innovations (CL8 Thematic Session)
Auditorium XVI
Chair: Luc Wismans

105 Imre Keseru, Vrije Universiteit Brussel
Can we rely on data collected by motivated citizens? Advantages and limitations of citizen observatories for mobility

106 Robin Palmborg, KTH Royal Institute of Technology
Uncovering Effects of Spatial and Transportation Elements on Travellers Using Biometric Data

104 Itzhak Benenson, Tel Aviv University
Public transport travel patterns revealed from mining Israeli smart card data

Cycling infrastructures
Auditorium IV
Chair: Kevin Krizek

130 Jukka Krisp, University of Augsburg
Sensor-based analysis of bike lane quality

Autonomous and shared mobility
Auditorium XII
Chair: Dick Ettema

133 Rami Darwish, The Royal Institute of Technology - KTH
Lessons from a Driverless Bus Service Deployment on Public Roads in Stockholm

Built environment, attitudes and travel behavior
Auditorium XIII
Chair: Bert Van Wee

136 Joao de Abreu e Silva, Instituto Superior Técnico
Effects of residential urban environment, social networks and social influence on travel behaviour of university students

Happy Cities: The Home of People (Special Session Regional Science Academy)
Auditorium XVI
Chair: Aura Reggiani

141 John Osth, Uppsala Universitet
My home is my castle
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tr>
<td>15:00</td>
<td>Plenary session</td>
<td>University of Helsinki main building (new side), Fabianinkatu 33</td>
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<td>NECTAR PhD Award</td>
<td>University of Helsinki main building (new side), Fabianinkatu 33</td>
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<td>Joram Langbroek, KTH Royal Institute of Technology</td>
<td>University of Helsinki main building (new side), Fabianinkatu 33</td>
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<td>Changing travel habits of electric vehicle users</td>
<td>University of Helsinki main building (new side), Fabianinkatu 33</td>
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<td>15:30</td>
<td>Conference closing sessions</td>
<td>University of Helsinki main building (new side), Fabianinkatu 33</td>
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<td></td>
<td>Cluster wrap-ups</td>
<td>University of Helsinki main building (new side), Fabianinkatu 33</td>
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<td></td>
<td>Invitation by the NECTAR 2021 conference organisers</td>
<td>University of Helsinki main building (new side), Fabianinkatu 33</td>
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<td></td>
<td>Closing words</td>
<td>University of Helsinki main building (new side), Fabianinkatu 33</td>
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<tr>
<td>16:30</td>
<td><strong>Jätkäsaari – renewal of an urban waterfront district</strong></td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<td></td>
<td>Meeting point: Clarion Hotel, Tyynenmerenkatu 2, Living Room &amp; Bar</td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<td></td>
<td>Hosts: Olle Järvi, Joel Jalkanen, Kerli Müürisepp</td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<tr>
<td></td>
<td>Presentation “From cargo port to quality living”</td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<td>Jätkäsaari</td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<tr>
<td></td>
<td>Walking tour</td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<td></td>
<td>Rooftop sightseeing</td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<tr>
<td>17:30</td>
<td>Rooftop sightseeing</td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<td>Sightseeing terrace (Verkkokauppa), Tyynenmerenkatu 11</td>
<td>Jätkäsaari Library, Tyynenmerenkatu 1</td>
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<tr>
<td>18:00</td>
<td>Unofficial dinner</td>
<td>Restaurant Hietalahdi Market Hall, Lönnrotinkatu 34</td>
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<td></td>
<td>Social event (at own expense)</td>
<td>Restaurant Hietalahdi Market Hall, Lönnrotinkatu 34</td>
</tr>
<tr>
<td>132</td>
<td>Cecília Silva, University of Porto</td>
<td>Boosting Starter Cycling Cities: strategies and support to foster sustainable transport planning</td>
</tr>
<tr>
<td>131</td>
<td>Kevin Krizek, University of Colorado Boulder</td>
<td>Channeling the human element to design our future streets</td>
</tr>
<tr>
<td>135</td>
<td>Bat-Hen Nahmias Biran, ARIEL University</td>
<td>Activity-Based Accessibility for Measuring Shared Mobility Impacts</td>
</tr>
<tr>
<td>134</td>
<td>Dick Ettema, Utrecht University</td>
<td>Geography, culture and potential AV pathways and impacts: A comparison of Australia and the Netherlands</td>
</tr>
<tr>
<td>137</td>
<td>Mayara Monteiro, FEUP</td>
<td>I know what you did last semester: Examining adaptation and travel behavior change among millennials short-term exchange students</td>
</tr>
<tr>
<td>138</td>
<td>Bert van Wee, Delft University of Technology</td>
<td>Impacts of the built environment and travel behaviour on attitudes: theories underpinning the reverse causality assumption</td>
</tr>
<tr>
<td>139</td>
<td>Karima Kourtit, Vrije Universiteit Amsterdam</td>
<td>Assessment of a city love production function</td>
</tr>
<tr>
<td>140</td>
<td>Peter Nijkamp, Vrije Universiteit Amsterdam</td>
<td>Urban culture as a magnet for foreign visitors</td>
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