



CIT19: International Conference on Integrated Transport 2019

Impacts of disruptive technologies on travel and transport

KTH Royal Institute of Technology
 Stockholm, Sweden
 June 12-14 2019

Detailed program

<u>Wednesday 12 June</u>		
18:00 - 20:00	Icebreaker Session	
<u>Thursday 13 June</u>		
09:00 - 09:15	Opening Session Anna Pernestål	
09:15 - 10:00	Keynote Presentation: What about society in the deployment of emerging mobility technologies? Presenter: Dimitrios Milakis Moderator: Anna Pernestål	
10:00 - 10:20	Fika*	
10:20 - 12:00	Session I: MaaS-The whole package? <i>Can Mobility as a Service provide seamless mobility solutions?</i> Moderator: Susan Zielinski	
10:20 – 10:40	Policy instruments for sustainable accessibility and mobility in urban areas, A review	Anna Kramers
10:40 – 11:00	How Mobility Services can become the better Alternative to a self-owned Vehicle: Modeling Quality in Mobility as a Service Systems	Frederik Schulte
11:00 – 11:20	Assessing Possible Roles and Responsibilities for Combined Mobility as a service from a Service Operators' Perspective in a time of Transformative Business Models and Potential Disruption	Vishal Baid
11:20 – 11:40	Mobility-as-a-Service: Development of a Tentative Impact Assessment Framework	Jana Sochor
11:40 – 12:00	Exploring sustainable mobility practices through Corporate Mobility-as-a-Service	Mia Hesselgren, Martin Sjöman
<p><i>* Fika could roughly be translated as a "coffee/cake break", but it is far more than that! Fika is central to Swedish culture and an essential component in building relationships, whilst at the same time taking a well-deserved break (often with a cinnamon bun!).</i></p>		



12:00 - 12:20	Session II: Communication Challenge: Tell the World! 2 minutes pitch Moderator: Mia Xiaoyun Zhao	
12:20 - 13:00	Lunch	
12:50 - 13:50	Session II: Communication Challenge: Tell the World! Moderator: Mia Xiaoyun Zhao	
1	Assessing the automation readiness for of road infrastructures – an approach for systematic evaluations	Johan Olstam, Chengxi Liu, Iman Pereira
2	Exploring everyday mobility by use of interventions aimed at incentivizing greener choices	Martin Sjöman, Tina Ringenson, Anna Kramers
3	Contribution of fiscal incentives in the promotion electric vehicles for light freight transport in Sweden and Portugal	Maria Carolina Ribeiro
4	Stairway to Heaven: applying socio-technical systems approach towards developing a conceptual framework for a future transportation system which is electric, autonomous and shared	Sigma Dolins
5	The transport sector in transition: different pathways of handling transport data in selected urban regions	Erika Kriukelyte
6	Will public transport be relevant in a self-driving future? Modelling six explorative scenarios for Stockholm	Erik Almlöf
14:00 - 15:20	Session III: Automated Vehicles- Charting a new course? <i>What can this disruptive technology do for us?</i> Moderator: Dimitrios Milakis	
14:00 – 14:20	Can automated vehicles solve the congestion problem? – A study on network impact of automated vehicles in Gothenburg	Chengxi Liu
14:20 – 14:40	Answering to cities’ mobility needs – public-private-partnerships fostering development of autonomous public transport	Renske Martijnse-Hartikka
14:40 – 15:00	Microscopic traffic simulation of automated vehicles in shared spaces	Iman Pereira
15:00 – 15:20	Facing Change: Review of Potential Negative Impacts of Automated Vehicles Contrasted with Adopted Legislation	Cynthia Armour
15:20-15:45	Fika	
15:45-16:45	Session IV: Got the goods?– sustainable freight transport <i>Will new technologies contribute to road freight transport sustainability?</i> Moderator: Gyözö Gidofalvi	
15:45 – 16:05	Impacts on mode shift of driverless freight transport operating the international E-road network - A simulation study based on a national logistics model for Sweden	Albin Engholm
16:05 – 16:25	Human-robot interaction for truck platooning using hierarchical dynamic games	Elis Stefansson
16:25 – 16:45	Business models for ERS-systems – a system with many stakeholders	Björn Hasselgren Fredrik Widegren



16: 55-17:40	<p>Industry Keynotes: Impacts of disruptive technologies on travel and transport</p> <p>Presenter: Tony Sandberg & Olle Isaksson Moderator: Anna Pernestål</p>
17:45-17:55	<p>Practical Information Anna Pernestål</p>
19:00 – 22:00	<p>Dinner & <u>Best Communicator Prize</u> Anna Pernestål</p>

Friday 14 June		
08:45 - 09:00	<p>Opening of the Day Anna Pernestål</p>	
09:00 – 09:45	<p>Keynote Presentation: Mobility-as-a-Service and the Brain</p> <p>Presenter: Susan Zielinski Moderator: Anna Pernestål</p>	
09:45 - 10:10	Fika	
10:10 – 11:30	<p>Session V: Rethinking the system <i>What is the role of new mobility concepts in shaping the transport system?</i></p> <p>Moderator: Jonas Mårtensson</p>	
10:10-10:30	Concept to deploy effective autonomous urban mobility as a form of public transportation	Rodrigo Caetano
10:30-10:50	Implications of line based autonomous vehicle deployment for public transport services	Jonas Hatzenbühler
10:50-11:10	Digital Winter. Connected vehicles for safer roads	Lena Engstedt
11:10-11:30	The Spatial and Operational Constraints of Shared-Automated-Vehicle Mobility	Itzhak Benenson
11:35-12:05	<p>Keynote Presentation: Electrification, shared mobility and automation: a “3 Revolutions” perspective from California</p> <p>Presenter: Lewis M Fulton Moderator: Anna Pernestål</p>	
12:10 - 13:05	Lunch	
13:10-14:30	<p>Session VI: Humans of future mobility <i>What are the potential impacts of new transport modes on personal transport?</i></p> <p>Moderator: Lewis M Fulton</p>	
13:10 –	The complexity of value of travel time for self-driving vehicles	Maria Nordström



13:30	– a morphological analysis	
13:30 – 13:50	A Robust Approach to Model Users' Preferences to Shared Automated Vehicles using Stated Preference and Serious Game	Shelly Ben-Zvi Etzioni
13:50 – 14:10	Exploring the links between commuting and wellbeing: the 'boat' factor	Claire Papaix
14:10 – 14:30	Assessment of future induced car traveling in Sweden through wide spread adoption of connected and autonomous vehicles	Ella Rebalski
14:50 – 16:00	Demonstrations at ITRL RCVE & AVTCT & SML	
15:00 – 15:20	Fika	
16:00 – 16:10	Closing Remarks Anna Pernestål	