



Smart Mobility Services and Intelligent Infrastructure

in Helsinki 3rd - 4th of April 2019



Time Sessions and presentations, day 1 – Wednesday 3 April 2019, Finlandia Hall

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|-------|---|--|--|
| 9:15 | Registration and coffee | | |
| 10:00 | Opening of the Seminar (Hall B) - Director General Kari Wihlman, Finnish Transport Infrastructure Agency | | |
| 10:25 | Mobility as a Service, keynote speaker Pekka Möttö, Kyyti (FI) | | |
| 11:00 | Coffee break | | |
| 11:30 | Session 1: Mobility as a Service - Latest development, public authorities role, environment <i>chairman:</i> Marketta Hyvärinen, Finnish Transport Infrastructure Agency | Session 2: Cooperative, Connected & Automated Mobility <i>chairman:</i> Ilkka Kotilainen, Finnish Transport and Communications Agency | Session 3: Digitalisation and bridges <i>chairman:</i> Risto Kiviluoma, WSP |
| | How can the national public roads administration contribute to Mobility as a Service providing mobility for all and universal design? Hanne Botten, the Norwegian Public Roads Administration (NO) | NordicWay2 - Cooperative Intelligent Transport System pilots in Nordics Christian Berg Skjetne, the Norwegian Public Roads Administration (NO) | Bridge and infrastructure management system update in Finland Heikki Myllymäki, Finnish Transport Infrastructure Agency (FI) |
| | How Mobility as a Service could improve public transport quality and service feedback? Kaur Sarv, Estonian Road Administration (EE) | Automated driving pilots in Helsinki Renske Martijnse-Hartikka, Forum Virium (NL) | Automated information models in infrastructure asset management Eetu Partala, Sweco (FI) |
| | Combining Mobility as a Service with physical change of infrastructure. Maria Helledi, City of Copenhagen (DK) | Use of social networks in traffic information Anna Kononova and Martins Dambergs (LV) | Drones used for crack inspection of large structures Dorthe Mathiesen, Teknologisk Institut (DK) |
| | Carbon-free transport 2045 Johanna Särkijärvi, Ministry of Transport and Communications (FI) | Requirements for the design of autonomous vehicles, infrastructure and stops for boarding and disembarking Elisabeth Skuggevik, Statens vegvesen (NO) | Digitalisation in construction of the Tampere Deck and Arena Aki Kopra, Kreate (FI) |
| | 13:00 Lunch | | |
| 14:00 | Session 4: MaaS in cities New services, planning <i>chairman:</i> Marek Salermo, city of Helsinki | Session 5: Smart infrastructure - Asset management, High Definition Maps, Infrastructure Data <i>chairman:</i> Niklas Fieandt, Transport Infrastructure Agency | Session 6: Large bridge projects and new service models <i>chairman:</i> Risto Kiviluoma, WSP |
| | Implementation of MaaS in Reykjavik, Iceland: Barriers and opportunities in a city with low density. Hrönn Karólína Sch. Hallgrímsdóttir, Mannvit consulting (IS) | Implementation of infrastructure project SMART E67 in Estonia and Latvia Kristjan Duubas, Estonian Road Administration (EE) | Hailuoto Causeway Terhi Honkarinta, Finnish Transport Infrastructure Agency (FI) |
| | Reinventing public transport in a future of smart mobility Claus Hedegaard Sørensen, K2 (The Swedish Knowledge Centre for Public Transport) | Lithuanian traffic and travel intelligent information services. Paulius Baurėnas and Andrius Teškevičius (LT) | Ice and fire – natural hazards – monitoring Guðrún Þóra Garðarsdóttir, Vegagerðin (IS) |
| | Mobility as a Service and logistics (City) | High Definition maps visualization case study Aurora Aleks Leskinen and Anssi Savisalo, Sitowise (FI) | Conceptual structural design and digital workflow for early stage design. Marcin Luczkowski NTNU (NO) |
| | Towards new mobility services in Helsinki. Reetta Putkonen, City of Helsinki & Sami Sahala, Forum Virium (FI) | Swedish platform for exchange of transport related data Hamid Zarghampour, Trafikverket (SE) | Algorithm assisted design optimization of the Telkän Taipale Pedestrian Overpass steel truss Mikko Hyrynen, Ramboll (FI) |
| 15:30 | Coffee break | | |
| 16:00 | Mobility as a Service - The End of Car Ownership, MaaS Global, WHIM MaaS application, keynote speaker | | |
| 16:30 | Summary | | |

16:45 End of day 1

19:30 Social program – dinner at Restaurant Töölönranta (Helsinginkatu 56, www.toolonranta.fi)

Day 2 – Thursday 4 April 2019, Helsinki

| Time | Excursions | | |
|-------|--|--|---|
| 9:00 | Option 1: Robot bus demonstration | Option 2: Regional mobility platform in action | Option 3: Route planner navigation challenge |
| | <p>Presenting Gacha – the first Robobus in the world to function in all weather conditions. The vehicle will be displayed to the public in its premiere March 2019 in Helsinki. After the launch, the shuttle bus will be driving and taking passengers in three Finnish cities as part of real-life traffic. Sensible 4 and MUJI are finalizing plans for the first Gacha fleet which is expected to roll out in 2020.</p> <p>The demonstration will take place outside Oodi, the new central library in Helsinki.</p> <p>Forum Virium (Pekka Koponen, Sami Sahala)</p> | <p>Demonstrating a new mobility platform and user interface that is being developed to combine public transport and on-demand trip options within a single service.</p> <p>SITOWISE (Jaakko Rintamäki)</p> | <p>In this two hour challenge participants use route planners to individually (or in small groups) navigate to three control points featuring MaaS related topics.</p> <p>The control points are located within a 3 km radius of central Helsinki.</p> <p>Forum Virium / City of Helsinki</p> |
| 11:00 | Lunch | | |
| 12:00 | Bridges Committee meeting | | |
| | Utforming (design) committee meeting | | |
| 14:00 | Transport i städer och transportplanering (Urban Transport and transport planning) committee meetings | | |
| | Committee meetings end | | |