



Winter Road Congress 14.2.-15.2.2024

SEMINAR PROGRAM

Jyväskylä Paviljonki, Winter Road -hall

Wednesday 14.2.

- 9–10** Registration, Exhibition, Coffee
- 10.00** Welcoming words, *Juha Ojala*, Chairman of the Board of the Finnish Road Association
- Video Greetings from the Minister of transport and communications, minister *Lulu Ranne*
- Opening of the 35. Winter Road Congress 2024, Director General, *Kari Wihlman*, Finnish Transport Infrastructure Agency
- 10.25** Traffic safety development in winter time during years 2015–2022, *Fanny Malin*, VTT
- 10.45** Freight transport needs for winter maintenance on low-traffic roads *Saku Käsänen*, Ramboll
- 11.05** The effect of winter maintenance on life-cycle costs of pavements, *Tomi Herronen*, Roadscanners Oy
- 11.30–12.30** Lunch, Exhibition
- 12.30** Urban Space at the Heart of Value Creation: Case Snow Management, *Johanna Liljeroos-Cork*, University of Tampere
- 12.50** Case Oulu City – Development of the maintenance management of streets and public areas, *Veli-Matti Härkönen*, Oulun Infra -liikelaitos & *Keijo Pulkkinen*, Autori Oy
- 13.10** Winter Mobility Management in Jyväskylä, *Teemu Liimatainen & Tuula Smolander*, the City of Jyväskylä
- 13.30** Winter cycling – a dozen obstacles and 12 solutions, *Destia Oy*
- 14.00** Demonstrations at Lutankonaukio
- 15.00–15.40** Coffee, Exhibition and Networking
- 15.40** Machine vision and infrastructure static basic inventory, *Sami Aherva*, Stara
- 16.00** Easy insights: Unlocking winter road maintenance in challenging areas, *Petteri Leppänen & Elina Heed*, Vaisala Oy
- 16.20** Seamless workflow for road weather measurement, *Ari Tuononen*, Roadcloud Oy
- 17.00–19.00** Dinner (Ravintola 3)
Seminar Dinner, Keynote: Finnish Transport Policy, Mr *Sauli Hievanen*, *Sauli Hievanen*, Millton Networks, Maintenance Award

Thursday 15.2.

- 9–10** Exhibition, Coffee
- 10.00** Opening words by Winter Road Congress Chairmen
- 10.10** Digitization in winter road maintenance, automated tools for fleet management, *Samuli Heiska*, GSGroup Finland Oy
- 10.30** HCT Winter Premium frost load utilization project, *Perttu Niskanen & Veikko Pekkala* Oulun yliopisto
- 10.50** Road traffic digital services, *Olli Rossi & Jani Kariniemi*, Fintraffic
- 11.10** Break
- 11.30** Effective winter maintenance with ecological deciders, *Santeri Joki*, Kemion Oy
- 11.50** Probability forecasts of wintertime road maintenance operations based on machine learning, *Matti Kämäräinen*, Finnish Meteorological Institute
- 12.15** Lunch
- 12.30** Demonstration, Exhibition
- 13.20** Keynote: Cooperation training in investment, paving and maintenance contracts *Pekka Petäjaniemi*, Finnish Transport Infrastructure Agency
- 13.35** Slow working machines and their autonomous use on the streets in Finland, – case sweeping machine, *Antti Nikkanen*, Trombia Technologies
- 13.50** Optimisation of winter maintenance on pedestrian and cycling paths - case study Regional road 110, *Jaakko Klang*, Center for Economic Development, Transport, and the Environment
- 14.05** Winter maintenance digitalisation possibilities in bike paths, *Jarkko Pirinen*, Transport Infrastructure Agency & *Keijo Pulkkinen*, Autori Oy
- 14.25** Discussion on cycling lanes and their maintenance in cities: *Samuli Huusko*, the City of Vaasa, *Harri Vaarala*, the city of Oulu & *Martti Tulenheimo*, Finnish Cyclists' Federation
- 15.00** Chairpersons Summary of the day
- 15.10** Farewell