



SCALE THE SPACE CONFERENCE

Rovaniemi, Arctic Circle, Finland
NOVEMBER 13.-15.2018

13.11.2018 SCALE THE SPACE - Day 1	
	Pre-Conference Excursion Sodankylä Space Campus <i>Host: Esa Turunen Ph.D., Director, Sodankylä Geophysical Observatory</i>
8:30	Conference registration at Arktikum Science Centre (address: Pohjoisranta 4, Rovaniemi)
9:00	Departure (PICK-UP point: The Science Centre Pilke, address: Ounasjoentie 6, Rovaniemi) Transfer from Rovaniemi to Sodankylä - approx. 1 1/2 hours driving time
10:30	Arriving Sodankylä, Space Campus
10:45	Welcoming words by <i>Esa Turunen</i> and lunch
12:00–15:00	SGO and FMI Presentations and Campus Tour <i>Hosts: Esa Turunen/SGO, Timo Ryyppö/FMI</i>
15:15	Departure
16:45	Arriving Rovaniemi (DROP-OFF POINTS: Hotels)
19:00–21:00	Welcome Reception at City Hall (address: Hallituskatu 7, Rovaniemi)

14.11.2018 SCALE THE SPACE - Day 2	
8:30	Conference registration and coffee
TOPIC 1	NEW SPACE IN SPOTLIGHT <i>Chair: Jaan Praks D.Sc. Assistant Professor, Aalto University</i>
9:00–9:15	Welcome and Opening remarks <i>Mika Riipi County Governor of Lapland, Regional Council of Lapland</i>
9:15–9:30	Introduction to the topic 1 <i>Jaan Praks</i>

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9:30–9:50	Opening Keynote: The Future of Space in Northern Sweden <i>Olle Norberg Dr., Vice Rector Luleå University of Tehcnology</i>
9:50–10:10	Space operations in Northern Finland - gateway to smart future and New Space Business? <i>Esa Turunen, Ph.D., Director, Sodankylä Geophysical Observatory</i>
10:10–10:40	Coffee break and networking
10:40–11:00	Keynote: Applying the Microspace Philosophy at the Norwegian Space Agency <i>Tyler Jones, Senior Adviser, Norwegian Space Agency</i>
11:00–11:20	New ideas, new players - Startups and scalable industries in Space Business <i>Kimmo Isbjörnssund, Manager, ESA BIC Finland</i>
11:20–11:40	Discussion
11:40	Lunch
TOPIC 2	GEODATA VISUALISATION <i>Chair: Juha Oksanen, Prof., Head of Department, National Land Survey of Finland</i>
12:45–13:00	Introduction to the topic 2 <i>Juha Oksanen</i>
13:00–13:20	Keynote: Databases, data analysis and visualisation are a big deal <i>Stephen J Fraser (FAusIMM), Data Analyst, VectORE Pty Ltd.</i>
13:20–13:40	From pixels to actions – what do we want to visualise? <i>Jussi Rasinmäki, PhD (Forestry), CEO, Simosol Oy</i>
13:40–14:00	Case Rovjok: Simulating landscapes and infrastructure with Unity3D <i>Leo Salomaa, Rovjok</i>
14:00–14:20	Discussion
14:20–14:50	Coffee break and networking
TOPIC 3	FUNDING AND DEVELOPING PROGRAMS IN EUROPE <i>Pauli Stigell, Senior Advisor, Business Finland, Space Team Department</i>
14:50–15:05	Introduction to the topic 3 <i>Pauli Stigell</i>
15:05–15:25	Key note: The role of European Union in fostering New Space economy <i>Maria Vittoria D'Inzeo, Policy Officer, Policy Officer at European Commission</i>
15:25–15:45	Angel finance and Venture Capital <i>Stephan Reckie, CEO, Global Entrepreneurship Network (space) and Board member at Space Nation</i>

15.45–16:00	Discussion
19:00–22:00	Get together! Dinner under the famous Arktikum glass ceiling

15.11.2018		SCALE THE SPACE - Day 3	
8:30	Morning coffee and networking		
TOPIC 4	INTELLIGENT TRAFFIC IN THE ARCTIC <i>Chair: Timo Sukuvaara, D.Sc. (Tech), Senior Researcher</i>		
9:00–9:15	Introduction to the topic 4 <i>Timo Sukuvaara</i>		
9:15–9:35	Keynote: The European regulatory framework and the future of intelligent transport <i>Pierpaolo Settembri, Assistant to the Director-General for Mobility and Transport in the European Commission</i>		
9:35–9:55	The next level interoperability and digital architecture for Intelligent Transport <i>Tommi Arola, Head of Unit, Mobility Innovations and R&D, Trafi</i>		
9:55–10:15	Vehicular networking architecture for local road weather services <i>Timo Sukuvaara, D.Sc. (Tech), Senior Researcher</i>		
10:15–10:45	Coffee break and networking		
10:45–11:05	Keynote: Autonomous driving system developers perspective in Intelligent traffic <i>Harri Santamala, CEO, Sensible4</i>		
11:05–11:25	Observational Weather and Environment Intelligence in Future Transport <i>Iiro Salkari, Head of Customer Segments, Weather and Environment, Vaisala Oyj</i>		
11:25–11:45	Mobility and Traffic Safety of HCT Vehicle Combinations in the Arctic Conditions <i>Mauri Haataja, Professor (Emeritus), University of Oulu</i>		
11:45–12:05	Discussion		
12:05–12:25	Closing remarks <i>Esa Turunen Ph.D., Director, Sodankylä Geophysical Observatory</i>		
12:25	Farewell Lunch		