

40Ready second Interregional Workshop - Study visit to Espoo Innovation Garden 17.3.2020

PROGRAMME

Topics

Digitalisation, SME:s & training, education and lifelong learning, Learning platforms, Ecosystem collaboration, Industry as a Service

13:30 Arriving to Urban Mill Innovation Platform – Coffee and Welcome

Address: Betonimiehenkuja 3 E, Espoo

Industry 4.0 learning and development opportunities for students, startups, SMEs and corporations, cities and communities in Espoo Innovation Garden Ecosystem

Mr. Kari Mikkela, Executive Producer, Urban Mill Innovation Platform

www.linkedin.com/in/kmikkela/ ; www.urbanmill.org

On site demonstrations during the event by SME companies and teams in Urban Mill network

- Creating a new industry standard for 3D printers, Mehta Heino Industries Oy, www.mehtaheino.com
- The creative computer vision and machine learning agency, Delicode Oy, www.delicode.com/
- Logistic 4.0 solutions for warehouse control operations (WCM), Devoca Oy, www.devoca.fi/
- Manufacturer for custom touchscreen solutions, Kuori Oy www.kuori.tech/ and Yetitablet for education and healthcare, <https://yetitablet.com/>
- Automated 24/7 electric scooter rental system, Samocat Sharing Oy, www.samocat.net/fi/
- The underwater drone (Find-X) and the platform form a comprehensive and reliable underwater technology network, Aalto Explorer, www.aaltoexplorer.com/home.html
- Robot Uprising Hackathon, volunteer driven learning platform for cyborgs, mad robot scientists and future hackers, <https://robotuprising.fi/>
- TBC: Innovative technology for construction sites to improve safety and efficiency, Trenox Oy, <https://trenox.fi/en/home>

14:15 Speakers from Espoo Innovation Garden

Otaniemi campus as an Industry 4.0 test bed!

Dr. Jari Juhanko, Chief Operating Officer, Aalto Industrial Internet Campus (AIIC),

www.linkedin.com/in/jari-juhanko-0595857b/

Aalto Industrial Internet Campus is a platform for students, researchers, and companies to innovate and co-create smart, connected products and services. It enables multidisciplinary research, education and innovation together with industrial partners. Companies from start-ups to global leaders can co-innovate there and use experimentation facilities in industrial internet, IoT and AI, <https://www.aalto.fi/en/aiic>

Collaborative framework for industry and education 4.0

Dr. **Maria Clavert**, Professor of Practice (Technology Education), Aalto Design Factory, Universities of the Future project (UoF), <https://designfactory.aalto.fi/the-staff/maria-clavert/>
The project brings together higher education institutions, businesses and public organizations from Finland, Poland and Portugal, to collaborate within the upcoming framework of Industry 4.0. This community of practice aims to address the existing gap in the current offer in Higher Education and co-create innovative and multidisciplinary solutions adjusted to the current and upcoming challenges of a digital era. <https://designfactory.aalto.fi/universitiesofthefuture/>

Industrial Internet continuing education program

Ms. **Jenniliisa Särkkä-Blomberg**, Associate Director, Open Enrollment Programs and Networks, Aalto Executive Education Ltd, www.linkedin.com/in/jenniliisa-särkkä-blomberg-61274a1b/
The course will explore the business potential of the Industrial Internet. The learning will enable SMEs and larger companies to create more attractive products and services and streamline its production processes by seeing things from the customer's viewpoint.
www.aaltopro.fi/en/programs/digitalisaation-johtaminen-teollisuudessa

Smart Otaniemi Innovation Ecosystem of Smart energy

Dr. **Ismo Heimonen**, Senior Research Scientist, VTT Technical Research Centre of Finland Ltd, www.linkedin.com/in/ismo-heimonen-737a9b112/
Creating in collaboration with the city, university and companies a more sustainable world through pilots involving everything from AI and blockchain, to aggregator business models, smart EV charging infrastructure, and 5G and IoT services, <https://smartotaniemi.fi/>; www.vttresearch.com/

EIT Digital

Dr. **Timo Nyberg**, Head of Schools (Summer Schools and Professional School), EIT Digital, Helsinki node, European Institute of Innovation & Technology, www.linkedin.com/in/timo-nyberg-0b07842/,
www.eitdigital.eu/about-us/locations/helsinki-clc/,
www.eitdigital.eu/innovation-factory/digital-industry/
www.eitdigital.eu/innovation-factory/digital-tech/

5G Mökki Virtual learning platform

Mr. **Lauri Hollo**, Head of Community, Start North - Student led Next Generation Education Ecosystem Platform, www.linkedin.com/in/lauri-hollo-a2522a135/
5G mökki offers visitors of all ages the access for the latest VR- and 5G -technology and most sophisticated educational content. <https://en.5gmokki.com/lue-lisaae> ; <https://startnorth.com/>

AI Truck: the happiest AI in the world!

Dr. **Heidi Rajamäki-Partanen**, Director of Innovations, Omnia AI Lab, www.linkedin.com/in/rajamaki/
Digital Equality Accelerator. Omnia is a multisector education provider and regional development center which offers among others vocational and general upper secondary education
<https://tekoalyrekka.fi/ai-truck/> ; <https://www.omnia.fi/internationalomnia>

Aaltoes - Student-run Entrepreneurship community for adventurous forerunners

Case Showdown Morrow Hackathon for learning and working with companies

Ms. **Julia Myllyviita**, Showdown Morrow, Aalto Entrepreneurship Society @ Startup Sauna - Finland's central hub for all things Startup-related, <https://www.linkedin.com/in/juliamyllyviita/>

Aalto Entrepreneurship Society (Aaltoes) is the most prominent and most active student-run entrepreneurship society in Europe. It's mission is being the world's best community and growth platform, especially for new founder development and reaching entrepreneurial-minded people. The case - Showdown Morrow is a unique Aaltoes hackathon for students who are interested in learning about sustainability and willing to work with companies for a better future.

<https://www.aaltoes.com/>, <http://startupsauna.com/>

16.30 Round tour on Otaniemi Innovation Alley

University – Industry collaboration at Aalto Design Factory

Prof. **Kalevi Ekman**, Director, Aalto Design Factory (ADF)

An interdisciplinary product design and learning hub uniting students, teachers, researchers, and industry. <https://www.linkedin.com/in/kalevi-ekman-8b90972/> ; <https://designfactory.aalto.fi/>

Address: Betonimiehenkuja 5C, Espoo

17:00 Transfer to Smart Otaniemi Showroom

Showcases of Smart Otaniemi Innovation Ecosystem pilot projects and demos

Host: **Tytti Nikunen**, Specialist (Coordination & Communication), Smart Otaniemi, VTT Technical Research Centre of Finland Ltd, www.linkedin.com/in/tytti-nikunen/

<https://smartotaniemi.fi/pilots/>

Address: Tekniikantie 4A, 02150 Espoo, Finland

17:30 End of the Study visit and return to hotels

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