

DIGINNO Study Trip in Finland 24-26.10.2018

5.10.2018 R.Tuokko, S. Palomäki

FINAL PROGRAMME

Wednesday 24.10.2018 Helsinki

1. DIMECC 11TH ANNUAL SEMINAR

Tapahtumakeskus Koskenranta, Katariina Saksilaisenkatu 9, Helsinki

The DIMECC 10 Year Anniversary Seminar will bring together over 200 decision makers of companies (executive and operational directors as well as R&D personnel), professors, teachers and public sector innovation system experts. During the day catering of the most impactful results from DIMECC programs over the years will be presented. Come to hear how DIMECC programs have changed the business and delivered impact. The anniversary seminar will also offer interesting keynotes on how the digitalization will develop and towards what contents and actions digitalization efforts should be directed in the future. CEO Forum, organized in collaboration with Technology Industries of Finland, will bring together a group of visionary leaders to discuss the success of future business. In the evening you can enjoy the get-together dinner and DIMECC 10-year anniversary party!

9:00-9:30	Registration & Morning Coffee
9:30-10:00	Opening , Dr. Harri Kulmala, CEO, DIMECC
10:00-11:30	CEO Forum: Smart Finland is built on Ecosystems <ul style="list-style-type: none"> • Facilitator: Tomas Hedenborg, President of Orgalime, Group CEO of Fastems Oy Ab • Panu Routila, CEO, Konecranes Oyj • Tuomas Syrjänen, Member of the Board, Futurice Oy • Dr. Tero Ojanperä, CEO, Silo AI Oy • Jaakko Hirvola, CEO, Technology Industries of Finland • Antti Vasara, CEO, VTT Oy
11:30-12:30	Lunch -DIMECC Activities Poster Session
12:30-14:30	Best results of ten years <ol style="list-style-type: none"> 1. Great success: Co-development of marine eco-technology solutions - Case Napa & Norsepower, <i>Pekka Pakkanen, Director Development, Napa & Tuomas Riski, CEO & Partner, Norsepower</i> 2. What is the noise about Free Software - Startup turned into global business, <i>Jurka Rahikkala, COO & Founder, Vaadin</i> 3. Forest big data platform offers 100 M€ annual savings for Finnish forest sector, <i>Jarmo Hämäläinen, Research Director, Metsäteho</i> 4. Higher material efficiency in iron making – Sustainable steel making, <i>Timo Paananen, Development Manager, SSAB</i> 5. Future Ship Bridge Concepts paved the way towards autonomous maritime traffic, <i>Iiro Lindborg, Vice President, Remote and Autonomous Solutions, Rolls-Royce</i> 6. Software engineering research with real-time industry impact - the Need for Speed Approach, <i>Tommi Mikkonen, University of Helsinki</i>
14:30-15:00	Break - DIMECC Activities Poster Session
15:00-15:30	Artificial Intelligence and Business Disruption , Dr. Tero Ojanperä, CEO, Silo AI Oy
15:30-16:00	Problems will arise: Humans coaching machines , Minna Ruckenstein, Associate Professor, Consumer Society Research Centre & Helsinki Center for Digital Humanities, University of Helsinki
16:00-16:30	With the Power of Collaboration Big Things Happen
16:30-21:00	Ten Years of Successful co-creation -DIMECC Party and Dinner

Further information and programme updates can be found at <https://www.dimecc.com/events/save-the-datedimecc-11th-annual-seminar/>

Thursday 25.10.2018 Espoo-Helsinki

2. DIMECC Demobooster Demo Day

Aalto University, Undergraduate Centre, Otakaari 1, Espoo

Demobooster is an opportunity for the forerunner companies. It is an answer for the limitless opportunities of digitalization and IoT. Demobooster is an efficient market place, where innovative software solutions are developed and tested before full commercialization (<https://demobooster.dimecc.com>).

09.30-09.45	Getting started (Registration, preparations, coffee)
09.45-09.50	Welcome to Demobooster, DIMECC Oy
09.50-10.00	Demobooster in a nutshell, Gaia Consulting Oy
10.00-10.15	Participants' short introductions
10.15-10.30	Company trailers by Veikkaus and Outotec: what we are looking for <ul style="list-style-type: none"> • Q&A
10.30-10.40	Demo Show (Elenia and Ambientia) and Q&A <ul style="list-style-type: none"> • What was the Challenge? • How the demo works in practice? • Crowd Q&A
10.40-10.50	Coffee Break
10.50-11.50	Demo Challenge and Pitches <ul style="list-style-type: none"> • Pitching practices • Demo Challenges and Demo Pitches, incl. following challenges: <ul style="list-style-type: none"> ○ Meyer Turku (www.meyerturku.fi) is looking for a flow simulation tool (passengers, luggage, laundry etc.) for passenger ships for early stages of ship design ○ Granlund (www.granlund.fi) is looking for Feedback Solutions to Support User Centric Buildings ○ Elenia (www.elenia.fi) is looking for a sensing solution for electricity network monitoring, more specifically for padmount transformers
11.50-12.00	Wrap-up discussion & Q&A
12.00-13.00	Lunch and networking
13.00	Demobooster Demo Day Programme ends for DIGINNO Study Trip participants

Obs. Demobooster Demo Day continues for participating companies still appr. two hours incl. Demo challenges, Pitches and Backstage discussions.

3. Technical Study Trip Visits

13:00-13:15	Move to <i>Aalto University Industrial Internet Campus</i> and <i>Aalto Digital Design Laboratory</i> , Aalto University, School of Engineering, Dept. of Mechanical Engineering, Otakaari 4, Espoo
13:15-14:45	<p>Aalto University Industrial Internet Campus (AIIC), http://aiic.aalto.fi/en/ <i>Host: Prof. Martti Mäntylä</i></p> <ul style="list-style-type: none"> • The Industrial Internet Campus (AIIC) is a platform for students, researchers, and companies to innovate and co-create smart, connected products and services. Industrial Internet Campus enables multidisciplinary research, education and innovation together with industrial partners. The AIIC offers companies (from start-ups to global leaders) expertise, advanced experimentation facilities and testbed for co-innovation e.g. in industrial internet, IoT and AI. <p>Aalto Digital Design Laboratory (ADD), http://addlab.aalto.fi/ <i>Host: Prof. Jouni Partanen, Director of ADD</i></p> <ul style="list-style-type: none"> • Aalto Digital Design Laboratory explores the potential of digital design and manufacturing technologies to create commercially viable and societally valuable results. Through design driven research & development, open collaboration, vital experimentation, and its multidisciplinary nature, ADD utilizes the potential of today's digital technologies to create functioning applications and products. The ADD Machine Room is equipped with latest 3D printing machines.

14:45-15:15	Moving to Aalto Design Factory (Betonimiehenkuja 5 C, Espoo) – Coffee & Refreshment
15:15-16:30	<p>Aalto Design Factory (ADF, https://designfactory.aalto.fi) <i>Host: Prof. Kalevi Ekman, Director of ADF</i></p> <ul style="list-style-type: none"> Aalto Design Factory (ADF) is an interdisciplinary product design and learning hub that is like Aalto University in small scale. In education, the focus is in problem-based learning and project courses that are organized in partnership with industry. In addition to the conference and meeting rooms, there is a comprehensive set of Labs that are available for the students and other users at any time: machining, electronics, 3D printing, model making, painting, assembly and testing. Education is the first priority, but in addition ADF supports Aalto's start-up partners in such prototyping activities that typically cannot be outsourced. ADF was opened in 2008 as the first physical manifestation of Aalto University. Now, it's the central node of Design Factory Global Network with 25 members around the world.
16:30-18:00	DIGINNO WP2 Meeting, Engine Room, Aalto Design Factory
18:00-18:30	Drive to Helsinki City Centre
18:30-20:00	Dinner at Restaurant Salutorget, Pohjoisesplanadi 15, Helsinki

Friday 26.10.2018 Espoo

08:30-09:00	Drive by bus to Nokia Karaportti Campus, Karaportti, Espoo
09:00-10:00	<p>Nokia Executive Experience Center (EEC) <i>Host: Tero Koski</i></p> <ul style="list-style-type: none"> The Nokia Executive Experience Center offers a hands-on environment where companies can experience one-on-one time with Nokia experts, gain knowledge of Nokia products and solutions and explore Nokia's latest innovations. The center has flexible exhibition areas in a modern setting enabling customers and developers experience Nokia's latest products in live demonstrations. The dedicated staff will tailor customer's agenda to ensure a truly unique experience. Nokia Bell Labs is working for the network of the future connecting all humans, all senses, all things, all systems, all infrastructure, all processes. The research focuses on mobile technologies covering radio systems, networking, security, and related hardware and software product technologies. The Nokia Bell Labs teams have been key contributors to 3G and 4G standards continuing a strong role in the standards of 5G technologies.
10:00-10:30	<p>Nokia Espoo Garage (KARA4E)</p> <ul style="list-style-type: none"> Nokia Espoo Garage is a 'Learning by Doing' co-innovation environment for companies, universities and schools e.g. in such areas as Artificial Intelligence, Machine Learning, IoT, Robotics, Virtual Reality, Block Chain, Mobile Networks, Digital Marketing and Digital Sales. Organised events include among others Cultural Hack Monkeys, Talk Through Thursday, Get Together, Innomaster Round Table, Power PI Stands, Coding Clubs, Get Dirty with RPi, Lego4DevOps and Gadget Corner. <p><i>Host: Tiina Siren</i></p>
10:30-11:00	Drive by bus to IoT Forge Foundation's Laboratory, Keilalahdentie 2-4, Espoo
11:00-12:00	<p>IoT Forge Foundation www.ietfoundation.fi <i>Host: Matti Hellgrén, Managing Director</i></p> <ul style="list-style-type: none"> The IoT Forge Foundation is a non-profit organization that operates independently, has its own staff, and supports companies working on any IoT development platform. The IoT Forge Foundation offers Finnish companies for their early innovation validation highly skilled personnel, well-equipped development laboratory and opportunity to apply financial support. Over 80 companies have used or are using IoT Forge services since the foundation was established Sep 2nd 2017.
12:00-13:00	Wrap-up lunch
13:00-13:30	Return to Helsinki City Centre
13:30	End of DIGINNO Study Trip