

Focused Partner Event on "Smart Buildings & Cities" (September 12, 2019)

September's FIIF event, with the long title **Energy solutions for the block level - Opportunities in Smart City business environment**, gathered over 70 participants to Oulu from Finland and Norway. Several innovative energy solutions from on-going research and commercial projects were presented. All the 13 seminar presentations are now available for FIIF members at FIIF's

material archive in the [Partner log in](#) section. Here are a couple of highlights.

Event's international keynote presentation came from City of Trondheim, Norway. **Dr. Björn-Ove Berthelsen** reported on several successful EU funded demo projects. His presentation was titled "Innovative and integrated measures for positive energy districts". **Tuomas Vanhanen** from City of Tampere presented very promising pilot project results and visions with the title "How an urban district can act as a carbon sink".

Presentations from Siemens Oy (**Veikka Pirhonen**) and Leanheat Oy (**Ossi Porri**) represented viewpoints from industry actors in the seminar. Siemens' presentation "The world needs a new approach" started with the fact that climate change is the biggest challenge of our time and most emissions are created in cities. Leanheat's presentation focused on energy saving results in the over 100 000 apartments they are controlling in Finland. Savings are impressive: 20% average cut in power need by optimizing space heating.

Smart Buildings and Energy sector are thematic focus areas in FIIF's strategy and action plan. So, stay tuned for more events and actions.

Program Manager Arto Peltomaa, DIMECC Oy

Next FIIF events during Fall of 2019

Here are the themes and dates of the next FIIF events. Please mark these dates into your calendar already now!

If you prefer to participate in FIIF events online, please select that option when registering to the events. We will then send the participation link to you in e-mail before the event.

FIIF event on "Data Business Models" (October 24, 2019)

FIIF organizes this event with [CombiEnt](#). In this event we will have a presentation from CombiEnt about their **data operator project**, from DIMECC about the recently launched [Industrial Data Excellence](#) (InDEX) research program, as well as interesting and encouraging case

presentations from industry leaders. Event facilitator will be Mr. **Michael Hanf**, Executive Partner at Taival Oy.

When	Thursday, October 24, 2019 at 9:00 ... 12:30
Where	Meeting Park Campus , Class 2 A (street address Yrjönkatu 29, 00100 Helsinki) + online.
Cost	Free for employees of FIIF partner organizations.
Contact	FIIF Manager Risto Lehtinen (e-mail fiif.manager@dimecc.com , tel. +358 50 5553900) More information and the registration link available on the event web page .

FIIF event on “**AI/ML – Predictive maintenance**” (**November 28, 2019**)

Agenda for this FIIF event is already in preparation. If you are interested in giving a presentation in this event, please contact Arto Peltomaa at DIMECC Oy.

When	Thursday, November 28, 2019 at 9:00 ... 12:30
Where	Kampusareena (Korkeakoulunkatu 7, Tampere) + online.
Cost	Free for employees of FIIF partner organizations.
Contact	Program Manager Arto Peltomaa, DIMECC Oy (e-mail arto.peltomaa@dimecc.com , tel. +358 40 5511434) More information on the event web page .

FIIF event w/ **KOTEL** on “**Reliability & Testing**” (**December 2019, exact date TBD**)

This FIIF event will be organized in co-operation with [KOTEL r.y.](#), a Finnish association focusing on reliability and testing of components and electro-mechanical systems. KOTEL has working groups consisting of technical experts from its member organizations covering topics like reliability, heat management, environmental compliance, and environmental testing. KOTEL organizes regularly seminars, where the working groups present results of their activities.

When	TBD
Where	Espoo + online.
Cost	Free for employees of FIIF partner organizations.
Contact	FIIF Manager Risto Lehtinen (e-mail fiif.manager@dimecc.com , tel. +358 50 5553900) More information on the event web page .

Separate invitations to these events will be sent to the official FIIF contact persons, so **please make sure your company's contacts in the FIIF mailing list are up to date!**



FIIF offers to its partners an opportunity to introduce themselves in FIIF New sletters and on FIIF's web pages. Just fill in the requested information on the [online form](#).

FIIF Networking Opportunity: Mercuri Urval

Business type: Leadership and Talent Advisory

Organization size: Midcap

The core business: Mercuri Urval is a leading global Executive Search, Professional Recruitment and Talent Advisory firm.

We exist to make sure organisations always have the right people capabilities in place so they deliver the best possible results.

Networking opportunities: We can help you with talent and leadership issues all over the world. Don't hesitate to contact us.

Additional comments: Contact us and let's talk about the technology challenges your company is facing today!

Website: [Mercuri Urval](https://www.mercuriurval.com/global/) (<https://www.mercuriurval.com/global/>)

Contact person: Teemu Tiainen, teemu.tiainen@mercuriurval.com, +358 40 1990743

AI-heräämö promotes AI to SMEs in the Tampere region

Council of Tampere Region (Pirkanmaan liitto) wants to improve the overall competitiveness of local SMEs by increasing their AI-savviness and encourages them to implement concrete AI pilots and solutions.

The Council has asked DIMECC Oy to establish a **local AI accelerator** ("AI-heräämö") that aims at demystifying AI. AI-heräämö will offer AI-related training and information to companies as well as support for their AI and Machine Learning projects. SMEs can also apply for funding for their pilots from Pirkanmaa's Centre for Economic development, Transport and the Environment (i.e. ELY-keskus).

AI-heräämö focuses on supplier and service SMEs as increasing their expertise in this area will help a larger number of companies.

Contacts: Dr. **Arto Peltomaa**, Program Manager, DIMECC Oy
(email: arto.peltomaa@dimecc.com, tel. +358 40 5511434)



Call for Action: Setting up operations in Singapore? (October 23, 2019)

Consulting company **PricewaterhouseCoopers** (PwC) in Singapore will organize a roadshow in Finland in late October. They will arrange a morning seminar in Helsinki on **Wednesday, October 23, 2019**, to share information about Singapore as a good place to conduct business in Asia. The focus will be on Singapore's overall business environment, its corporate tax and transfer pricing regime (including available tax incentives), as well as ideas on how to structure a company's operations in Asia. It is also possible to arrange one-to-one meetings with PwC representatives.

PwC is primarily interested in meeting with established Finnish companies with an annual revenue of at least 70 million EUR and with an interest to set up or conduct international procurement, marketing, trading activities in Singapore. They would also like to meet smaller companies (i.e. revenue about 25 million EUR or more), especially from manufacturing, transport and logistics industries.

If you are interested in leveraging this opportunity to learn more about business opportunities in Singapore, **please contact ASAP FIIF Manager** (email: fif.manager@dimecc.com, tel. +358 50 5553900).

DIMECC's 12th Annual Seminar – Digital Factory open for free for FIIF members



DIMECC's 12th Annual Seminar – **Digital Factory** takes place 11th of November, 2019. The seminar is organized with Combient, which is a Nordic business transformation company and a collaborative network of 28 large Nordic enterprises, supported by an active ecosystem of top universities and startups. Combient focuses on digital know-how and topics like data quality, software supply-chain, data management, and AVML. (The October 24th FIIF event on Data Business Models is organized with Combient).

Where	Kilta-sali (Lapinrinne 1, 00180 Helsinki, www.kiltasali.fi)
Cost	Free for employees of FIIF partner organizations.
Contact	Ms. Kaisa Kaukovirta (e-mail kaisa.kaukovirta@dimecc.com , tel. +358 40 8408790) More information on the event web page . Link to the registration form .

The annual seminar brings together 200 decision makers of companies (executive and operational directors as well as R&D personnel), professors, teachers and public sector innovation system experts. It offers an opportunity to see and feel the top-notch practices in machine learning and AI applications.

The seminar is organized at Kilta-sali, located in the heart of Helsinki (in Kamppi). The seminar begins with registration and morning coffee at 9. The program starts at 9.30 and we hope you have an opportunity to stay for the networking evening (17-19).

The program will be updated on the event [web page](#) later.

The seminar is free, but if you have not cancelled your registration and do not show up, we're obliged to charge 150 euros. The venue is for a limited number of guests, so it is important for us to know the exact number of participants for the day and the evening.

Link to [the registration form](#).

FIIF strengthens its co-operation with IIC

Industrial Internet Consortium (IIC) is the globally leading organization advancing usage and market adoption of Industrial Internet to transform businesses and societies. IIC member list is a most impressive list of over 200 organizations including practically all global ICT and industry leaders.

IIC currently has over 30 Working Groups and teams working in areas like business strategy, technology, and security, and they regularly publish technical information in form of white papers and reference documents. IIC also operates a large set of practical testbeds where new Industrial Internet concepts are developed and tested.

Among the 13 Technology Working Groups there are groups for example for Industrial Internet Architecture, Connectivity, Digital Twin Interoperability, Edge Computing and Industrial Artificial Intelligence. Several of the working groups have already published foundational technical white papers. Industrial Internet Reference Architecture (IIRA) document is a blueprint for Industrial Internet systems. It outlines a standards-based open architecture, describing each component needed in a typical system. Industrial Internet Security Framework (IISF) document defines and provides guidance on IIoT security. Industrial Internet Connectivity Framework (IICF) document provides a comprehensive treatment of connectivity as means of building interoperable IIoT systems. Industrial IIoT Analytics Framework (IIAF) is the first document to offer the broadest scope of requirements and concerns for analytic for IIoT systems. Links to these four important and interesting whitepapers can be found at FIIF partner website at [White papers and materials page](#). IIC's public [web site](#) offers lots of valuable information. Also, a condensed IIC overview presentation can be found at [FIIF partner web site](#).

Stay tuned for more IIC information in the coming FIIF newsletters and events! The main contact in DIMECC and in FIIF is Dr. **Arto Peltomaa** (email arto.peltomaa@dimecc.com, tel. +358 40 5511434).



Call for Action: Funding opportunity for manufacturing SMEs and Technology Providers (DIH2)



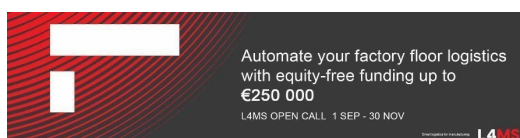
DIH² project is a network of 26 DIHs (Digital Innovation Hubs), with a goal to establish a sustainable network of robotics DIHs, endowed with tools and procedures, to facilitate the commercialization and broad uptake of Agile Production by manufacturing SME companies in Europe. DIH² launches its first Open Call to support Application Experiments in Agile Production. Applications should address agility challenges SME manufacturer is facing where robotics could be a central enabling factor towards Agile Production, as prioritized in the DIH² project: Variable Automation, Integrated safety, Mobility, Modularity, Scalability, Usability, Accessibility, Adaptability.

First Stage: Interested companies apply first individually through an online application form. Up to 10 companies will be selected by every DIH to participate in a regional brokerage event. The critical issues at this stage are the **standardization potential** and the **cross-industry** approach of the proposed solution/experiment.

Second Stage: Consortia of 2-3 organizations (with at least one Manufacturing SME) can apply. The consortia will be set up during the regional brokerage events at the beginning of the second stage submission phase. The best 26 experiments at EU level will be selected in order to receive full support for the full 10-month technology transfer program.

What	The first open funding call of the DIH ² project.
When	First stage: July 1 ... October 31, 2019. Second stage: December 1, 2019 ... February 27, 2020.
Eligible applicants	Manufacturing SMEs/Slightly bigger and Technology Providers interested in participating in the DIH ² Technology Transfer Program for Application Experiments in Agile Production.
Funding opportunity	Up to 232 k€ per team. Max 26 teams composed of 2-3 members.
Contacts	Harri Kuusela , Principal Scientist VTT (email: harri.kuusela@vt.fi) Ali Muhammad , project coordinator DIH ² (email: ali.muhammad@vt.fi) Application instructions :

Call for Action: Funding opportunity for manufacturing SMEs and Mid-Caps (L4MS)



Logistics for Manufacturing SMEs (L4MS) in a pan-European acceleration program that aims to help manufacturing SMEs to adapt new technologies in factory logistics. The program has now announced its second Open Call for equity-free **funding for creative pilot experiments in logistics**.

L4MS encourages companies to submit innovative proposals explaining how IoT platform OPIL and 3D simulation might help **reduce installation time and costs of mobile robots for their business**. In addition to funding, the 10 most promising experiments will get access to targeted matchmaking and business mentoring as well as training for their workers. They can also use the services of state-of-the-art test environments and technology experts.

What	The second open funding call of the L4MS acceleration program.
When	September 1 ... November 30, 2019.
Eligible applicants	Manufacturing SMEs and Mid-Caps looking to develop their intralogistics and productivity through creative pilot experiments.
Funding opportunity	Up to 250 k€ per team, max 10 teams. In total 1.5 M€ equity-free funding
Contacts	Ali Muhammad , L4MS Project Coordinator (email: ali.muhammad@vt.fi) Open Call Funding or OPIL: helpdesk@l4ms.eu The nearest L4MS representative :

Call for Action: “Digital Trust Finland” innovation program

Business Finland’s new “**Digital Trust Finland**” program helps Finnish companies build business on digital trust and safety, attracts investments and facilitates ecosystems in Finland. It is a multi-year program (2019-2024) with a total innovation funding budget of 100 million euro. The program also offers internationalization services and support for strengthening ecosystems.

This program’s target group consists of companies operating in the fields of critical communications and cybersecurity, as well as research organizations and companies utilizing cybersecurity solutions. Also, Smart Finance- and MyData-actors are eligible for the program.

In case you need more information, please visit the [program’s web pages](#) or contact directly Business Finland’s Program Manager **Kirsi Kokko** (email kirsi.kokko@businessfinland.fi, phone +358 50 5502 023).

Brief comments from FIIF Manager

The next FIIF Newsletter will be published in November. If you have topics which you would like to bring to the attention of all FIIF members, please contact the FIIF Manager.

FIIF Manager also maintains the **FIIF mailing list**, which is used to distribute information to contact persons – including but not limited to the FIIF Newsletter and invitations to specific FIIF events. Please contact the FIIF Manager regarding any changes to the FIIF mailing list.



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