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FIIF Newsletter 1/2020

DIMECC

FIIF activities during the first half of 2020

- **FIIF Newsletter** will be published four times: in January, March, April, and June.

If you have material that you would like to be included in the FIIF Newsletter or otherwise distributed to the FIIF community members, please contact the [FIIF Manager](#).

Remember also to leverage [FIIF's Networking Opportunity](#) to spread the word about your company's services and offerings.

- **Member survey** will collect from the members comments, feedback and ideas for upcoming FIIF events and activities to ensure that members' needs and expectations are met. This year the format will, however, be lighter than in 2018 and 2019.

- **FIIF's annual service fee for 2020** will be invoiced in March. Service fees will stay the same as they were in 2019.

Upcoming FIIF events

For some events the exact dates are not yet set, but we will inform you in Newsletters and Alerts about the dates as soon as they are decided. You can also find the latest status and more information about these events on [FIIF's web site](#).

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 events “Bit by bit – improving competitiveness through industrial process optimization” (February 13, 2020 & March 19, 2020)

This series of two events will be arranged in co-operation with **IBM Oy** and the **Finnish Software and e-Business Association**. The common theme in both events is that companies can improve their competitiveness and profitability not only through business model innovation, but also through more traditional ways, i.e. optimizing their internal business processes (inbound/outbound logistics, materials management, manufacturing etc.). Come and hear the latest news and case examples of industrial process optimization!

The first event is organized on **Thursday, February 13, 2020** at 8.45-11.45 am at Sofia Farm, Klubisali, Helsinki. Agenda is as follows:

- 08:45 Morning coffee and registration
- 09:15 Opening and welcome!

Keynote: **"Boost productivity and increase reliability - use cases from real life with IBM"** - Heli Laitila, IBM Suomi / Business Development Executive, Strategic clients

"The reality of AI and data analytics in manufacturing industry" - Antti Merilehto, Houston Analytics, Chief Growth Officer

"How data analytics and continuous process improvement improve performance in manufacturing industry" - Olli Pasanen, Quva Oy, Founder and CEO

"Process optimization - practical examples" - Marko Viksten, IBM Suomi / Data Science - Mathematical Optimization - Business Analytics - NLP - Machine Learning

- 11:40 Closing

When	Thursday, February 13, 2020 at 8:45 ... 11:45
Where	Sofia Future Farm (Klubisali, Sofiakatu 4 C, Helsinki) + online.
Cost	Free for employees of FIIF partner organizations.
Contact	FIIF Manager Risto Lehtinen, DIMECC Oy (e-mail fiif.manager@dimecc.com , tel. +358 50 5553900) More information on the event web page . Registration via this link .

The second event (on **Thursday, March 19, 2020**) is for more technical people and its presentations focus on tools and methods used for planning, modelling, and implementing those changes, including also use of artificial intelligence and machine learning in process optimization. Changes in the program are updated on respective event web pages.

When	Thursday, March 19, 2020 at 9:00 ... 12:00
Where	Meeting Park Forum (meeting room Marski 1, Mannerheimintie 20 B, Helsinki) + online.
Cost	Free for employees of FIIF partner organizations.
Contact	FIIF Manager Risto Lehtinen, DIMECC Oy (e-mail fiif.manager@dimecc.com , tel. +358 50 5553900) More information on the event web page . Registration via this link .



FIIF session on “Cyber security” at TAMK IoT Seminar (March 10-11, 2020)

This Focused Partner Event will be organized in co-operation with [TAMK](#) (Tampere University of Applied Sciences), at TAMK's annual IoT Seminar. FIIF will organize a session focusing on one of IoT Seminar's main themes, i.e. cyber security.

Tuesday, March 10 or Wednesday, March 11, 2020 (exact date and time will be decided later)
TAMK (Tampere University of Applied Sciences, Kuntokatu 3, Tampere) + option for online participation.
Free for employees of FIIF partner organizations.
Program Manager Arto Peltomaa, DIMECC Oy (e-mail arto.peltomaa@dimecc.com , tel. +358 40 5511434)

“Digital business modelling workshop” w/ Taival Advisory (April 2020)

We continue our journey in digital business models with **Taival Advisory** with a hands-on workshop on identifying, planning and executing business transformation initiatives.

When	April 2020
Where	Helsinki
Cost	Free for employees of FIIF partner organizations.
Contact	FIIF Manager Risto Lehtinen, DIMECC Oy (e-mail fiif.manager@dimecc.com , tel. +358 50 5553900) More information on the event web page.

“Digital Twins in Industry” w/ VR-Aamu (May, 2020)

FIIF continues acceleration of industrial usage of Virtual Reality (VR) and Augmented Reality (AR) technologies. This Focused Partner Event will be organized in co-operation with VR-Aamu and [Kampusklubi](#) (SYK).

When	May 2020
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)

FIIF event w/ KOTEL on “Reliability & Testing” (May 2020)

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	May 2020
Where	Espoo + online.
Cost	Free for employees of FIIF partner organizations.
Contact	FIIF Manager Risto Lehtinen, DIMECC Oy (e-mail fiif.manager@dimecc.com , tel. +358 50 5553900) More information on the event web page .

Separate invitations to all 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!**



PoDoCo funding supports the renewal of small and medium-sized enterprises

More than 150 projects have already been funded through PoDoCo program.

– Especially small and medium-sized enterprises have been active and successful in the PoDoCo program. In the last application round, 75% of the collaborative projects funded are focused on

research and innovation in small and medium-sized enterprises, says Dr. **Seppo Tikkanen**, leader of the PoDoCo program.

The funded projects represent a wide range of disciplines and sectors, from medical to material technology and from applications that support children’s emotional development to active magnetic bearing. PoDoCo program began in 2015 and it is currently funded by 10 Finnish foundations. They provide grants for a year of research and the company benefits from the doctor’s research for another year.

PoDoCo Spring 2020 Application Round takes place during **March 1 ... April 15, 2020**. Info events about PoDoCo are organized in different cities: Turku (February 3), Jyväskylä (February 6), Tampere (February 13), Vaasa (February 19), Oulu (February 20), Joensuu (March 12), and Helsinki (TBA). More info is available at www.podoco.fi.

Companies are welcome to join the events and/or contact Dr. **Seppo Tikkanen** (email seppo.tikkanen@dimecc.com, tel. +358 40 8402780).

Cyber Security Mornings will wake you up like nothing else! (Feb 20, 2020)

The first **Cyber Security Morning** event will be organized on **Thursday, February 20, 2020** at Kampusklubi (Korkeakoulunkatu 7, 33720 Tampere) at 9:00 ... 11:00. For more information and program, [check this link](#). These events are co-organized by Kampusklubi (SYK), Tampere University, and DIMECC. You can sign up for the first event [here](#).

Are you ready for the next Demobooster Demo Day? (Feb 27, 2020)

The next **DIMECC Demobooster Demo Day Event** is taking place on **Thursday, February 27, 2020** in Helsinki (address: Veikkaus Oy, Aku Korhosen tie 2, Helsinki). The mission of Demobooster is to pilot and demonstrate new ideas in practice. The outcome is not a slide show presentation but a concrete solution! If you have an idea you want to develop further or if you want to pitch for the challenges provided, do not hesitate to contact us.

Read [more here!](#) Registration for the event [here](#).

Business Finland launches "Sustainable Manufacturing Finland" program (Mar 5, 2020)

Manufacturing industry is one of the cornerstones of the Finnish economy and it accounts for about half of Finland's export. According to Technology Industries of Finland, its member companies employ 300,000 people directly, and 700,000 people in total. This equates to about 30% of the entire Finnish labor force.

Business Finland's new "Sustainable Manufacturing Finland" program aims to create a more positive atmosphere and favorable conditions for the growth of production activities in Finland. The program will help companies of all sizes in the manufacturing sector to solve the obstacles of economic growth and prepare them for the future disruption happening in the manufacturing industry.

The new program will be launched officially on **Thursday, March 5, 2020 at 12:30 ... 16:00** at Scandic Park hotel (address: Mannerheimintie 46, Helsinki). You can register to the event through [this link](#).

More information: Mr. **Toni Mattila**, email toni.mattila@businessfinland.fi, tel. +358 40 5009909.

Reminder: The last CyberTRE workshop (Mar 18, 2020)

The next CyberTRE workshop will be organized on Wednesday, March 18, 2020 at 12:00 ... 15:00 at DIMECC's Tampere office (Korkeakoulunkatu 7, 33720 Tampere, Kampusareena building). More detailed workshop agenda will be delivered to the registered participants closer to the event. You can sign up [here](#).

The CyberTRE project is co-led by DIMECC and Business Tampere with the aim of identifying potential topics for co-creation projects, building program consortium(s) and helping the consortium(s) build program applications.

Please note that this is the last opportunity to join CyberTRE project, prepare your Business Finland application and be part of the regional cyber community building through this program. Please do not hesitate to contact DIMECC for more details:

- **Mr. Antti Karjaluoto** (email antti.karjaluoto@dimecc.com, tel. +358 40 7725440)
 - **Ms. Doris Pryjma** (email doris.pryjma@dimecc.com, tel. +358 40 8652446)
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The next AI-Heräämö events in Nokia and Lempäälä

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.

DIMECC has established a **local AI accelerator** (AI-heräämö) that aims at de-mystifying AI. AI-heräämö offers AI-related training and information to companies as well as support for their AI and Machine Learning projects. AI-heräämö focuses on **supplier and service SMEs** as increasing their expertise in this area will help a larger number of companies. SMEs can also apply for funding for their pilots from Pirkanmaa's Centre for Economic development, Transport and the Environment (i.e. ELY-keskus). The next AI-Heräämö events will take place:

- at Nokia on **March 4, 2020** at 9:00-12:00 (address: Nokeval Oy, Rounionkatu 107, 37150 Nokia). Registration through [this link](#).
- at Lempäälä on **March 5, 2020** at 9:00-12:00. Registration through [this link](#).

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



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

FIIF Networking Opportunity: Lempeä Edge Oy

Business type: Consulting engineering, Information Technology

Organization size: Micro

The core business: RAIN is a simple and visual platform for business and subject matter experts, helping to map and plan dataflows, to connect data sources and act on real-time data without complex, confusing tools. Lempeä Edge was founded early 2019 to develop our software product which is emerging from the vision based on our team's 250+ years of telco-, cloud- and IT-experience.

Networking opportunities: Technological and societal (mega)trends are creating enormous amounts of data with exponential growth. That data exceeds all currently available centralized solution capabilities in Networking, Compute and Storage. Solving this global and soon escalating problem is the foundational base for RAIN platform.

Website: [Lempeä Edge - Rain](#)

Contact person: Jarne Atsar, jarne@lempeaedge.com, +358400262699



DIMECC has become part of International Data Spaces Association (IDSA). The association takes an active part in designing a trustworthy architecture for the data economy. More than 100 companies and institutions of various industries and sizes from 20 countries including several Fortune 500 companies, global acting medium-sized companies, software and system houses are members of the association. The IDSA aims to guarantee data sovereignty by an open, vendor-independent architecture for a peer-to-peer network which provides usage control of data from all domains. This membership benefits FIIF members, since they will be informed of relevant IDSA activities.

DIMECC's collaborative programs in preparation

DIMECC's programs and projects help accelerate the R&D&I of companies. DIMECC's current portfolio consists of various programs, such as [InDEX-program](#), the aim of which is to unlock the value of data as an enabler for the next industrial revolution centered around Artificial Intelligence in the Finnish manufacturing industry.

DIMECC is constantly preparing various programs. Currently we have on-going preparations in the following fields, so if you're interested in participating, please contact us.

Materials – harri.kulmala@dimecc.com

Manufacturing – kari.muranen@dimecc.com

Maritime – seppo.tikkanen@dimecc.com

Artificial Intelligence – arto.peltomaa@dimecc.com

Cyber Security – antti.karjaluoto@dimecc.com

Brief comments from FIIF Manager

The next FIIF Newsletter will be published in early March. 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 Alerts as well as invitations to FIIF events. Please contact the FIIF Manager regarding any changes to the FIIF mailing list.

Remember to dress properly, the winter is not yet over ...



Risto Lehtinen

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Follow us in Twitter (@FIIF_catalyst)!

Re-tweets are highly appreciated!



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