



**FINNISH
INDUSTRIAL
INTERNET
FORUM**

FIIF Newsletter 1/2021

DIMECC

FIIF Newsletter 1/2021

In the past annual FIIF Surveys FIIF partners have been asking for more networking opportunities with larger corporations and we have been listening to those calls. FIIF is now announcing **closer co-operation with DIMECC's Intelligent Industry ecosystem**, where leading Finnish equipment manufacturers and digital solution providers aim to realize the immense opportunities related to industrial data economy and digital transformation. As a first concrete example of the benefits of this co-operation, we are offering to FIIF partners an opportunity to attend a webinar on **"Digital Platforms and Ecosystem Strategies"**, organized as part of the Swedish "Digital Stambanan" project.

This spring's first FIIF Event will be titled **"Private 5G Networks"** and it is organized online on February 18, 2021. The next events will be scheduled in the coming weeks. Regular visits to the Events section in FIIF's web pages will help you stay on board!

In this newsletter you can also find information about DIGINNO project's newly released **SME digitalization toolkit**, DIMECC's revamped **Demobooster LIGHT service**, and two interesting reports prepared and published by Business Finland, covering the **Finnish offering and solutions in AI and mixed reality**, respectively.

The next FIIF Newsletter will be published in **late February – early March**. If you have material that you would like to be included in the FIIF Newsletters or otherwise distributed to the FIIF community members, please contact the FIIF Manager (fiif.manager@dimecc.com). You can also suggest a topic for a FIIF event or activity or offer to give a presentation at a FIIF event.

FIIF Manager also maintains the **FIIF mailing list**, which is used to distribute information to contact persons. Please contact the FIIF Manager regarding any changes to the FIIF mailing list.

Stay tuned for more updates!



Risto Lehtinen

FIIF Manager
DIMECC Oy
tel. +358 50 5553900
e-mail fiif.manager@dimecc.com



Follow us on Twitter (@FIIF_catalyst)!

Re-tweets are highly appreciated!

FIIF and DIMECC's Intelligent Industry ecosystem deepen their co-operation

Intelligent Industry (II) is an innovative ecosystem connecting leading Finnish equipment manufacturers and providers of digital solutions to drive and realize the immense opportunities of the emerging new era of Intelligent Industry. II aims to lead the way towards a new era of networked, information driven and autonomous value systems that flexibly adapt to changing operating environments and user needs. II's strategic core partners are **Fastems, Elekmerk, HT Laser, Konecranes, Melkki, Nokia, Prima Power, Raute**, and **TietoEVRY**, all leading companies in their own fields. The ecosystem is funded by the participating companies and Business Finland, and it is facilitated by DIMECC.

FIIF and II share several common topics on their agendas, like AI/ML and sharing of industrial data, and they have already been co-operating on practical level. For example, as a registered Digital Innovation Hub (DIH) in Finland, II has already been offering FIIF as one of its key services to the surrounding SME network. Also, FIIF's connections to the [Industrial Internet Consortium](#) have been organized through the II ecosystem.

FIIF partners have the potential to gain a lot from this co-operation. They will acquire **valuable insights and in-depth knowledge of customer needs** today and in future from II's partner companies and can already prepare themselves to provide products and services to fulfil these needs. By participating in FIIF Events and other networking opportunities, especially II partners' FIIF Flash Events, FIIF partners gain access to networks and connections of II's partner companies. II ecosystem plans and operates R&D&I programs and thematic Working Groups, and II's partners can invite FIIF partners also to these activities either via subcontracting or as direct partners. This will position FIIF partners at the leading edge of the data-driven services and ecosystem community in expertise in areas like data security, data analytics, data visualizations, and customer experience.

FIIF partners will also have an **option to join the II ecosystem** as full or support members. Full members will naturally gain all II membership benefits. Details of support membership will be decided in the coming weeks.

Partners of the II ecosystem will join FIIF and get the normal partner benefits: right to attend **FIIF Events** as well as access to **FIIF Newsletters** and **FIIF's Material Archive**. II partners are also looking forward to benefitting from closer access to FIIF partners' expertise and networks, as they are scouting for new capabilities, which they need to grow their businesses aggressively, and/or go through their internal digital transformation processes. In return, II partners will share their networks and business possibilities.

Details of the new co-operation model will be agreed in the coming weeks. II partner companies have already indicated interest to arrange their own FIIF Flash Events to share their agendas, insights, projects, needs, and expectations with FIIF's partner organizations. These events will be scheduled starting in March 2021.



FIIF events in the spring of 2021

The planning for next spring's FIIF events is on-going. At least for time being, **“Online” will be offered as the main alternative for all events**, but we are ready to add also the physical option as soon as the COVID-19 pandemic releases its grip.

The topics for this spring's FIIF events are:

- **Private 5G networks** (February 18, 2021)
- **Commercial cloud platforms** (date TBA)
- **Industrial applications of drones** (date TBA)

In addition, in the coming weeks we will start scheduling **FIIF Flash Events for II's partner companies**, starting in March. Also, FIIF's co-operation with the **6Aika community** continues and we will organize focused partner events with them.

Stay tuned and check regularly FIIF's Event page!

If you would like us to organize an event around a specific topic or give a presentation in these events, please contact FIIF Manager (fiif.manager@dimicc.com). In addition to the above listed events, we will continue offering networking opportunities through **FIIF Flash events**.

And as a reminder: all event materials are posted in **“Partner log in”** section of the FIIF web site for later access and review.

Webinar on “Digital Platforms and Ecosystem Strategies” (February 10, 2021 at 10:00-16:00)

As a first concrete example of closer co-operation with the Intelligent Industry ecosystem, we are offering to a limited number of FIIF partners an opportunity to attend a webinar on “**Digital Platforms and Ecosystem Strategies**”, organized as part of the Swedish “Digital Stambanan” project.

There has been a radical and disruptive change ongoing for the last ten years. Big tech giants are replacing companies that we used to know as the most valuable and successful. A vast majority of these companies are formed in the US and Asia, and Europe is falling behind. This exponential change took off in the consumer space, but your industry is up next. It is already happening, but we sometimes do not see it, because the business mechanics is different from what we are used to. It is about being digital to the core and benefitting from low distribution costs, but it is also about different business models.

Business models are the key to how these new big tech companies get resources for their continued innovation. One major factor to their success is the use of platforms to match the needs and to orchestrate the actors in their ecosystems. Today, everybody needs a platform and an ecosystem strategy in order to remain competitive in the new digital business landscape.

Join this webinar, if you are working with digital strategies and want to see how the digitalization technologies fit together in the bigger business picture. You will hear from academic researchers and practitioners in the industry examples of what has already been done. It affects everybody from SMEs to large enterprises.

When	Wednesday, February 10, 2021 at 10:00 – 16:00.
Where	Online only (via Zoom) Participation link will be sent out separately to registered participants on February 9, 2021
Cost	Free of charge, but pre-registration is required Note! This webinar is part of the Swedish “Digital Stambanan” project funded by Vinnova.
Contact	Mr. Magnus Mörstam (e-mail magnus.morstam@intelliger.se) More information and registration on the event web page .

Agenda:

- 09:50 Digital check-in
- 10:00 Welcome and introduction to the concept of digital platforms and ecosystems
- 11:00 Market place platforms
- 12:00 Innovation platforms
- 13:00 Lunch break
- 14:00 Network effects
- 15:00 Boundary resources (i.e. APIs, developer support etc.)
- 16:00 End of the day

Read more and [register](#)



FIIF Event “Private 5G Networks” (February 18, 2021)

A new generation of private 5G networks is emerging to address critical wireless communication requirements in public safety, operations of industries, and critical infrastructure. These private networks are physical or virtual cellular systems that have been deployed for private use by a government, company, or group of companies. This space used to be dominated by networks based on technologies such as ethernet, fiber, Wi-Fi, WiMAX, CDMA450 or Bluetooth, but now we are seeing a migration towards 3GPP-based networks. 5G offers a powerful platform with built-in support for the necessary critical capabilities, increased reliability, lower latency, and improved security, meeting the requirements of business- and mission-critical applications.

In this FIIF event we will look at private 5G networks from different angles, like that of a technology provider (Nokia), an operator (DNA), a test network provider (VTT), and a customer (Kalmar). We will also hear what the latest news in cutting edge 5G research.

When	Thursday, February 18, 2021 at 9:00 – 12:30.
Where	Online only
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.

DIGINNO SME Digitalization Toolkit published

The **DIGINNO project** ([Digital Innovation Network](#)) aims to promote faster and more efficient take-up of digital solutions in the Baltic Sea Region (BSR) with a wide range of target groups including both the public and private sector. As the project is about to end, it has consolidated its key results into a final report titled **SME Toolkit – Advice for digitalization in SMEs**. The report is available [online](#).

This toolkit focuses on increasing the innovation capacity of SMEs by showcasing digitalization opportunities and giving advice on implementation. The report presents practical tools and advice that enable CEOs, CTOs and heads of IT to evaluate the state of their company's digital maturity. Practical tools are presented, covering the basic functions and processes within an SME (i.e. financial data management, Human Resources, resource management, communications, and customer relations).

The report discusses also challenges encountered by SMEs in the BSR and offers implementation insights from SMEs that have solved them. The report also has as appendix containing country-specific information about local innovation and digitalization support (organizations, events, platforms, toolkits, etc.) in different countries in the Baltic Sea Region.



Demobooster LIGHT – from idea to PoC easier than ever!

Demobooster LIGHT takes your company's idea to PoC faster and easier than ever. After the idea pops up, the challenge is presented and possible solutions from 3-5 software companies are presented in an online pitching session and discussed further in private online meetings after that. The winner develops a PoC demo in three months.

If your company has a challenge that you think would be best pitched by e.g. software companies or service design companies → Contact us at DIMECC and we'll make sure you receive 3-5 high quality pitches that will boost your innovation!

If you are a software company, service design company etc., and you would like to know about the challenges in Demobooster LIGHT → Contact us at DIMECC, so we can add you to our list of potential producer companies.

Demobooster LIGHT works on ad-hoc basis, so you can contact us any time when you have a challenge in mind: doris.pryjma@dimecc.com +358 40 840 6700.



New reports from Business Finland

“Artificial Intelligence from Finland”

Billions of euros are invested globally in AI and platform economy, and Finland's got something to say about it, states a new report from Business Finland, titled “Artificial Intelligence from Finland” (download an e-book or a PDF brochure [here](#)).

Finland is an early adopter of this innovative technology that automates basic human tasks and augments human decision making. Finnish companies are AI to create unique products and services that will become an important part of the global economy in the future. Finland is also creating new digital platforms that leverage data and AI to support B2B business models which drive the agile development of digital services.

Ms. **Outi Keski-Äijö** (outi.keski-aijo@businessfinland.fi, tel. +358 50 557 7663)

Mr. **Teuvo Heikkinen** (teuvo.heikkinen@businessfinland.fi, tel. +358 50 5538 378)

Mr. **Janne Kari** (janne.kari@businessfinland.fi, tel. +358 40 5410 580)

“Mixed Reality Solutions from Finland”

Mixed Reality has the potential to change every industry, e.g. automotive, education, training, and maintenance. The new report from Business Finland, titled “Mixed Reality Solutions from Finland”, puts together the best Finnish Virtual and Augmented Reality know-how in various industries and research (download the report [here](#)). This offering is a tool for international customers to take a quick overview on Finland's Mixed Reality expertise, and a handy way for Finnish players to get to know each other. The offering covers:

- Simulation and surveillance
- Planning and Design
- Training
- Maintenance
- Gaming and Entertainment

Mr. **Jani Jokitalo** (jani.jokitalo@businessfinland.fi, tel. +358 50 354 4344)

Mr. **Janne Kari** (janne.kari@businessfinland.fi, +358 40 5410 580)

PoDoCo grants bring new skills to companies

A few companies have already hired several PoDoCo doctors through the program. Elisa Oy has previously hired two PoDoCo PhDs and is now looking for a boost from a new PoDoCo PhD to develop a new business area. This time Elisa is looking for a specialist in industrial production control and quality systems. "In the radio network operations, we have long applied new methods of advanced analytics. Combining deep domain expertise with data sciences provides an excellent foundation for new innovations. Through the PoDoCo program, we are looking for in-depth experts who will expand our view base," says Jukka-Pekka Salmenkaita, Elisa's Director of AI and machine learning.

Grant increased to 30,000 euros

The PoDoCo program, led by DIMECC Oy, is funded by the Finnish Cultural Foundation, Jenny and Antti Wihuri Foundation, Maa- ja vesiteknikan tukiry, Svenska Kulturfonden, Svenska litteratursällskapet i Finland, Tekniikan edistämissäätiö, KAUTE Foundation, Liikesivistysrahasto, and Helsingin Sanomat Foundation, investing every year in total about one million euros in the program.

"This year the grant was raised to 30,000 euros. In this way, the opportunity offered by PoDoCo remains a viable alternative for newly graduated doctors to export fresh research data to companies to accelerate their renewal," says Dr. Seppo Tikkanen, head of PoDoCo at DIMECC Oy..

The spring grant application round for the PoDoCo program is **open from March 1 to April 15, 2021**.

The program is open to any company, regardless of industry, and to any person who has recently completed or will soon be submitting a Doctoral dissertation.

More information about the program is available on [PoDoCo website](#) and in PoDoCo webinars, which are organized on February 1, February 11, February 15, and February 25, 2021.



DIMECC Oy
Åkerlundinkatu 8, 33100 Tampere

Address source: You received this email because you opted in to our newsletter.

[Click here to unsubscribe.](#)

Powered by Postiviidakko™