

November is a busy month!

November really seems to be a very busy month – at least based on the number of events taking place. FIIF's contribution will be the closing event for this fall season focusing on **private wireless networks and edge computing** (November 30, 2023). In this newsletter you can find information also about FCAI's AI Day (November 8), closing seminar for BF's Sustainable Manufacturing program (November 27), and OPC Day (November 30).

FIIF's event calendar will be updated continuously, so regular visits to the Events section in FIIF's web pages will help you stay on board and well informed!

The next FIIF Newsletter will be published in **December 2023**.



Risto Lehtinen

FIIF Manager

DIMECC Oy

tel. +358 50 5553900

e-mail [fiiif.manager\(at\)dimecc.com](mailto:fiiif.manager(at)dimecc.com)

FIIF Event: Private Wireless Networks and Edge Computing as Enablers for Industrial Digitalization (Thursday, November 30, 2023 at 9:00-12:30, Tampere and online)



Private wireless networks and edge computing are foundational technologies in the ongoing Industry 4.0 and Industrial Metaverse change. They are creating radically new opportunities for safer, more productive, and more sustainable industrial operations. Benefits of reliable, low latency networks and local data processing enable next generation solutions in several areas, like remote operations, predictive maintenance, real-time quality control, robotics and AGVs, trainings, and safety.

In this FIIF event we will look at private networks and edge computing from different angles, like that of a technology provider (Nokia), an operator (Telia), a research organisation (VTT), and several industry customers.

Preliminary program:

"Private wireless and edge as enablers for industrial digitalization", **Kirsi Leppä**/Nokia

"Research and learnings on applying 5G and edge computing for underground mining automation (NGMining project)", **Daniel Pakkala**/VTT

"Private network use cases with Finnish industrial customers", **Marko Lepola**/Telia

The event is organized at Platform6 (address Akerlundinkatu 8, Tampere) and online. More information on the [event web page](#). Register for the event [here](#).

DIMECC's 15th Anniversary Seminar "Shaping the Future through Co-Creation" (Tuesday, November 21, 2023 at 14:00-21:00 in Tampere)



All FIIF partners are welcome to celebrate the 15th Anniversary with DIMECC. Over the past 15 years, DIMECC has been at the forefront of innovation, pushing the boundaries of collaboration and technology.

We are excited to commemorate this milestone with you and look forward to sharing insights, fostering new connections, and exploring the exciting future of co-creation. Together, we will continue to drive innovation and shape the future of our industries.

Date: Tuesday, November 21st at 14.00-21.00 (dinner starts at 18.00)

Location: Sokos Hotel Torni, Tampere

Agenda:

14:00 Opening, **Harri Kulmala**, CEO, DIMECC

Panel discussion: "How Collaborative Innovation between Companies and Research Institutions Has Changed During the Last 15 Years"

Moderator **Harri Junttila** (Editor in Chief at Alma Talent, Tekniikka&Talous) and panelists **Laura Juvonen** (Senior Vice President Strategy, VTT), **Tapani Kiiski** (Business Executive), **Ilkka Rytkölä** (Ecosystem Lead, Meyer Turku Shipyard), and **Sanni Siltanen** (Senior Ecosystem Lead, DIMECC).

Breakthrough innovations forming the future – cases by DIMECC customers:

Jukka Saarinen, Technology expert, Nokia Technologies

Santeri Varis, Additive Manufacturing Manager, ANDRITZ Savonlinna Works

Matti Saarinen, R&D Project and Portfolio Manager, Fastems

Mari Granström, CEO, Origin by Ocean

DIMECC Today & Future of Innovation

"To Market Faster and Better Together Through Ecosystems" (**Rauno Hatakka**, Head of Ecosystems, DIMECC)

"The Next Big Thing that DIMECC Will Bring to the European Innovation Landscape", **Karno Tenovuo**, Chairman of the Board, DIMECC and CEO of Awake.ai

"AI-Driven Transformations: Future Industry Perspectives", **Tero Ojanperä**, Executive Chairman of Silo AI
DIMECC Prize

18:00-21:00 Dinner, including networking opportunities: Connect with industry peers, thought leaders, and innovators to expand your professional network.

The event is free for FIIF partners. [Register here for the event](#), before November 9.



DIMECC and FIIF at Teknologia 23 exhibition (November 7-9, 2023, Helsinki Expo and Convention Center)

DIMECC and FIIF are a part of Teknologia 23, "Transforming the Industrial Landscape"

exhibition. Join us at our stand and follow the stage program!

At our stand (**stand #7c148**) you can connect with industry experts, who are eager to share insights, network, and discuss the latest co-creation opportunities.

Our stage program at **Tech Corner stage Thursday Nov. 9th at 12:00 – 13:30** will feature captivating panel discussion with panelists from the top of the Finnish industry and enlighten your company about opportunities to transform using EU funding.

12:00 - 12:45 Future Technologies: To market faster and better together through ecosystems

How your company grows a business that is just developing internationally? Led by moderator **Tomi Kankainen**, Chief Business Development Officer, DIMECC Oy with the panelists **Juha Pankakoski**, Executive VP, Port Solutions, Konecranes, **Tero Hämeenaho**, Department Manager, AMO, Etteplan, **Juha Ala-Laurila**, COO, Services Business, Unikie and **Janne Heikkinen**, Executive VP, Products and Services, Innofactor discuss how being a part of an ecosystem helps them to minimize technology and business risks. Pre-commercial cooperation offers an open and safe environment to co-innovate, share resources, execute RDI projects and sketch future directions - even between competitors. Approaching an evolving market and influencing regulation and standards is easier jointly.

12:45 - 13:30 Supporting sustainable growth – DIMECC EU services

Come hear more about what DIMECC can offer you regarding upskilling and reskilling possibilities, sustainability reporting, as well as business development (including digitalization and scaling up). Powered by EU funding, we aim to offer a wide range of services to support both the workforce and industry in today's ever-changing market. On stage **Doris Pryjma**, Manager, EU Relations & Collaboration with the DIMECC EU Team.

Finland as Partner Country at the main Additive Manufacturing fair Formnext 2023 (November 7-10, 2023,

Frankfurt, Germany)

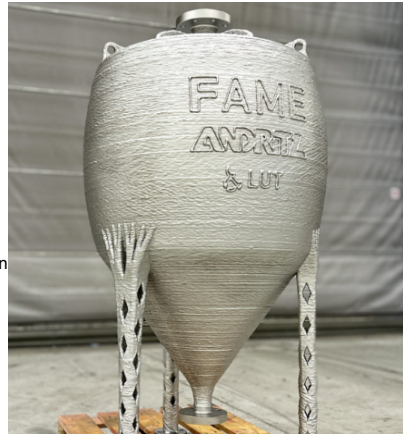
Finnish Additive Manufacturing companies and know-how will be prominently displayed in Frankfurt at the Formnext 2023 Additive Manufacturing fair, which is partnered by the Nordic countries. The Nordic pavilion in the exhibition area and the program will present the economic potential of the Nordic AM industry and emphasize the importance of 3D printing from a sustainable development perspective, especially in terms of energy and material efficiency.

Exhibitors from Finland include the FAME ecosystem, service providers, such as 3DFormtech, 3DStep, and Delva, software suppliers, 3D printer manufacturers, and research institutions, such as the University of Oulu and VTT. The FAME ecosystem will take to the fair a

3D-printed pressure vessel produced in cooperation with ANDRITZ Savonlinna Works. It is Finland's largest piece printed using the WAAM method. The approximately 300-kilogram pressure vessel was tested at LUT University. Its durability has attracted international interest, and therefore the test results will be presented at the fair.

There are in total twenty exhibitors from the Nordic countries. In addition to Finnish, Danish, Norwegian, and Swedish companies, the Finnish FAME ecosystem, Danish AM Hub, and Norway's Additive Manufacturing Cluster are participating. Several Nordic delegations also plan to visit Formnext 2023 to promote the industrial application of Additive Manufacturing through active exchange of information and expansion of networks.

More information available on the [event web site](#).



PoDoCo Autumn 2023 application round is open until end of October

Does your company have cutting-edge renewal ideas which could be further developed and investigated by a talented doctor?

The core of the PoDoCo is a collaborative project carried out by the company and the postdoc. The goal of the project is to create new business for

the company with the help of the doctor's expertise and create a job for the postdoc in the company.

The first phase of the PoDoCo project is financed by the foundation, so the company's risks in recruitment are minimized. After the successful first phase, the project continues to the second phase financed by the company.

Since 2015, there have been more than 230 PoDoCo projects, and in fully realized PoDoCo projects, 90% of the PhDs have stayed to work in the collaborative company.

PoDoCo is open for all companies operating in Finland and for all recently graduated doctors. More information [here](#).

Contact: Dr. **Seppo Tikkanen** (email: [seppo.tikkanen\(at\)dimecc.com](mailto:seppo.tikkanen(at)dimecc.com), tel. +358 40 840 2780).

Detailed program for FCAI's AI Day published (November 8, 2023 in Dipoli, Espoo)

FCAI's AI Day highlights the leading AI research in Finland. The event brings together researchers, companies, students, and the public sector involved in the fast-developing field of AI. AI Day promotes matchmaking, information sharing, and cross-border collaboration.

This year AI Day program features a scientific program (presentations, posters, and demos), a roundtable discussion about **regulation and governance of AI**, a specific industry session, and a panel discussion about **the future of AI in the post-GPT world**.

More information and a link to registration is available on the [event web site](#).

You can find more information about this and other events in the [FCAI's event calendar](#). Here are examples of events during October and November:



- **October 30, 2023 at 14:00-15:00:** Aaro Järvinen: The role of machine learning in facilitating fusion energy research (University of Helsinki, Kumpula campus)
- **November 1, 2023 at 16:00-17:30:** ELLIS Distinguished Lecture, Serge Belongie: Searching for Structure in Unfalsifiable Claims (Aalto University, Espoo)

- **November 17, 2023 at 13:00-17:00:** AIX Forum: Future Mobility and Robotics applications seminar 2023 (Aalto University, Dipoli, Espoo)
- **November 20, 2023 at 9:30-12:00:** Industry and Society Webinar: AI & Cybersecurity (online)
- **November 22, 2023 at 9:00-15:00:** AIX Forum: AI and Quantum Computing (Aalto University, Dipoli, Espoo)
- **November 29, 2023 at 9:30-16:00:** AIX Forum: Inverse problems (University of Helsinki, Kumpula campus)

Why AI + machine learning + strategic segmentation = productivity (Thursday, November 23, 2023 at 16:00-16:45 online)

How to harness AI (artificial intelligence), machine learning and strategic segmentation for focus and productivity?

If you want to increase your productivity and know how to better take use of the right data you already have, understand how AI can help, and what the role of machine learning and strategic segmentation play in this equation, this webinar is for you.

Event is hosted by **Toni Keskinen**, CRO, Co-founder and Chairman of 180Ops. More information on the [event web page](#).

Closing seminar for BF's Sustainable Manufacturing program (November 27, 2023 at 12:00-17:30 in Helsinki)

Business Finland's **Sustainable Manufacturing Finland** program started in 2020, and the program will end at the end of 2023. What has happened during those four years, how has the industry developed, and where do we go from here?

Join the closing seminar to learn about different projects funded under the program and their results, and what will happen now that the program is ending. More information, including a more detailed agenda, is available on the [event web page](#).

Note! The event is free of charge but requires registration. The registration will close on November 22, 2023. The number of participants is limited. The event will be held in English.

Further information from Mr. **Toni Mattila**, Head of Sustainable Manufacturing Finland (email toni.mattila@businessfinland.fi) and Ms. **Anna Nikkilä**, Program Coordinator, Sustainable Manufacturing Finland (email anna.nikkila@businessfinland.fi).

OPC Day Finland 2023 (November 30, 2023 at Nokia Areena, Tampere)

The main theme of this year's OPC Day will be "Interoperability for Wider Range of Applications".

Preliminary program includes the following presentations:

- Keynote: "**OPC UA Success Stories from the Industry**", Stefan Hoppe, OPC Foundation
- "**OPC UA Energy Harmonization**", Espen Krogh, TGS Prediktor
- "**OPC UA Field Level Communication and OPC UA Field Exchange**", Peter Lutz, OPC Foundation
- "**OPC UA Machinery Job Management**", Christopher Liehr, VDMA
- "**OPC UA over MQTT Enhancements**", Matthias Damm, Unified Automation

Registration fee (130 EUR + VAT 24 %) includes admission to all the sessions and exhibition of the OPC Day Finland 2023, lunch, coffees, and the materials of the day.

More information is available [on the event web page](#). Registration through [this link](#).

Application round for CEF Digital funding is open

The digital part of the Connecting Europe Facility (CEF Digital) will support and catalyse both public and private investments in digital connectivity infrastructures between 2021 and 2027. The Commission has now opened a third set of calls for proposals worth over €240 million to **strengthen the deployment of ultra-fast, secure, and sustainable digital infrastructures**.

This new set of calls focuses on improving 5G connectivity throughout rural communities and urban areas to ensure that all EU citizens have access to digital technologies and services. The calls also support the development of 5G infrastructure along European transport corridors:

- **5G coverage along transport corridors** (€100 million)
- **5G and Edge Cloud for Smart Communities** (€51 million)
- **Backbone connectivity for Digital Global Gateways** (€90 million)

More information about the call details can be found [here](#). The deadline for applications is **January 17, 2024**. More information on the application, evaluation, and award process will be available at the [online info day](#) on **October 26, 2023**.

In Finland, this program is coordinated by Traficom, contact person Mr. **Petri Makkonen** (email petri.makkonen@traficom.com, phone +358 29 5390516).

In focus

Name	Date	Location
Teknologia 2023 event (Helsinki Expo and Convention Center). More information on the organizer's event web page.	Nov 7-9	Helsinki
AI Day 2023 event (Dipoli, Aalto University, Espoo). More information on the organizer's event web page.	Nov 8	Espoo
AIX Forum: Future Mobility and Robotics applications seminar 2023 (Aalto University, Dipoli, Espoo). More information here.	Nov 17	Espoo
FCAI/Industry and Society Webinar: AI & Cybersecurity. More information here.	Nov 20	Online
DIMECC's Annual Seminar & 15th Anniversary Party (Sokos Hotel Torni Tampere). Register here.	Nov 21	Tampere
Why AI + machine learning + strategic segmentation = productivity. More information here.	Nov 23	Online
Closing seminar for Sustainable Manufacturing Finland (Team Finland House, Helsinki). More information here.	Nov 27	Helsinki
November 30, 2023: OPC Day Finland 2023. More information on the organizer's event web page.	Nov 30	Espoo
November 30, 2023: FIIF Event: Private Wireless Networks and Edge Computing as Enablers for Industrial Digitalization. More information here.	Nov 30	Tampere, online

If you have material that you would like to be included in the FIIF Newsletters and Alerts 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.

DIMECC

DIMECC Oy
Åkerlundinkatu 8, 33100 Tampere
www.dimecc.com



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

[Click here to unsubscribe.](#)

Powered by Postiviidakko™