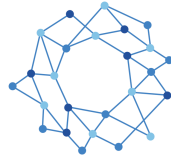


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**FINNISH
INDUSTRIAL
INTERNET
FORUM**

FIIF Newsletter
5/2024

Dear FIIF Community Members

We have had an eventful fall so far, with successfully delivered events regarding new data driven business models in September and Generative AI event in October. More is yet to come for this year, please mark your calendars on November 21st and 26th. First we'll arrange the results seminar for the AISA project, with use cases about the utilization of situational awareness created by artificial intelligence, versatile sensing and industrial metaverse technologies. In this event, you will also hear about the launch of Nokia's new Veturi program about Industrial Metaverse, linking it to the Metaverse Finland ecosystem. On 26th of November, we continue with AI use cases from the Data & AI accelerator. In this newsletter, you'll also find plenty of other event or training opportunities from our extended network.

Please remember also to use our partner site login at <https://fiif.fi> to access the presentation archives. The login is super easy, once your company is a FIIF member, you'll be able to login with your company email address only. The planning for 2025 FIIF events has also started, please let us know about topics you'd like to see next year.

Looking forward to seeing you all in our upcoming events!




Antti Karjaluoto

FIIF Manager
DIMECC Oy
tel. +358 40 7725440
fiif.manager@dimecc.com



FIIF Event with AISA Project: AI for Situational Awareness

 **Thursday, November 21, 2024 at 10-13, at Nokia Arena, Paidia and online**

 [Event web page](#)  [Registrations](#)

Artificial Intelligence and high-speed wireless communications are key technologies in the ongoing Industrial Revolution. In this FIIF event we will hear key results from the three year, Business Finland funded [AISA project](#), which will complete its operations at the end of December 2024.

The utilization of situational awareness created by artificial intelligence, versatile sensing and industrial metaverse technologies has been central in AISA research. Of the sensor technologies the focus has been especially on the processing of video, image and audio data streams using modern machine learning methods. The response time requirements of industrial applications have received special attention and leveraging new edge computing and 5G solutions.


The AISA project partners include Nokia Technologies, Valmet Automation, Mirka, Insta, Top Data Science, Verne Global and the University of Tampere.

AI Powering Product Development

DIMECC's 17th Annual Seminar in Collaboration with Aalto Design Factory

November 12th, 2024 Espoo

AI Powering Product Development

 **Tuesday, November 12, 2024 at 11:00-19:00, Espoo, Aalto Design Factory**

 [Event web page](#)  [Registrations](#)

FIIF partners are welcome to celebrate AI Powering Product Development – DIMECC's 17th Annual Seminar in Collaboration with Aalto Design Factory. We will start with lunch at 11:00 and continue with the seminar, followed by the new Product Development Path Makers award by Aalto Design Factory, ceremony and cocktails until 19:00.

The seminar will feature AI keynotes, foresight insights, and industrial cases on AI powering product development. We will explore AI from various perspectives, including better business planning and resilience, improved process efficiency and quality, and enhanced customer process performance.


There will be facilitated workshops with group working sessions on selected AI themes based on participants' preferences. Additionally, there will be opportunities to attend Aalto Design Factory exhibition tours.

The new Product Development Path Makers award will be given out at a ceremony after the working sessions, prior to the networking cocktails. More information can be found [here](#).

It is our pleasure to include in the program the presentation of the award by Minister of Science and Culture **Sari Multala**, President of Aalto University **Ilkka Niemelä**, and Chairman of the Technology Industries of Finland Centennial Foundation **Aaro Cantell**.

The event is free and open to Aalto Design Factory and DIMECC (including FIIF partners) stakeholders.

FIIF Partner Event: Data & AI Accelerator 2024 Results Seminar

 **November 26, 2024, 13:00–15:00 | Teams Online**

 [Event web page](#) & [Registrations](#)

Welcome to hear about the practical lessons learned from the latest implementation of DIMECC's Data and AI Accelerator! The accelerator guides companies in leveraging data and AI to gain business value. In this final webinar, companies that participated in the autumn accelerator - Kyrel, Lojer, Linjateräs, and Plugit - will share their results and experiences. The event is organized by DIMECC and Data Design Oy, with the support of Technology Industries of Finland and Silo AI.

Bittium Veturi & SW4E Collaboration Workshop in Tampere

 **6.11.2024 at 12-16, Platform 6 Åkerlundinkatu 8, 33100 Tampere and online**

 [Event web page](#) and [registrations](#)

Explore the future of RegOps, AI, and software engineering at this free collaborative workshop hosted by Bittium Veturi and the SW4E ecosystem. The event will feature expert presentations and hands-on workshops designed for anyone interested in these cutting-edge topics.

Agenda:

Opening Remarks: Jari Partanen (Bittium) & Roope Pajasmaa (DIMECC)

Introduction to Seamless & Secure Connectivity Program – Current Highlights, Jari Partanen (Bittium)

SW4E: A Software-Driven Ecosystem Collaborating for the Future, Roope Pajasmaa (DIMECC) & Prof. Markku Oivo (SW4E)

RegOps and Its Impact on Future Developments, Prof. Tommi Mikkonen (JYU)

AI in the Future – Perspectives of the MAISA Approach, Prof. Burak Turhan (University of Oulu)

After the presentations, join one of the interactive workshops (not for online participants):

Stream 1: *RegOps – Enhancing Software Development Efficiency and Compliance*

Stream 2: *AI in the Future – Opportunities and Challenges Ahead*

Stream 3: *Sustainability in Software Engineering – Building Greener Digital Solutions*

The next batch for ESCALTECH scaling program has been selected in Finland!

ESCALTECH scaling program has selected new participants: ByteTyde, Cero Hero, Commu App, IKIGALIA, Lionlingo.com, Mesensei, Not Your Average Swan, Oinride, BrainBites, SAHA Training, SmoothTeam and Virtual Dawn.

Next, the companies will make a roadmap in the coming days during a kickoff session facilitated by Ronny Eriksson and New Nordic Way. Companies will also have access to mentoring support and various trainings, events, and workshops that will support them in scaling up. We are very excited to collaborate with this group of companies and can't wait for some cross-collaboration opportunities with our Estonian partner ITL and Latvian IT Cluster!

ESCALTECH is funded by Interreg Central Baltic.



For more details, contact Medha Gupta, Scale Up Manager at DIMECC at medha.gupta@dimecc.com or call +358 40 840 3495.

ESCALTECH

Join REBOOT Skills Free Short Trainings in AI, AM, IoT, Robotics and Cybersecurity

REBOOT Skills offers a free short training on **Synchronizing physical and digital twins**.

- 🕒 Explore how Digital Twins are being applied in the manufacturing industry.
- 🕒 Bring your use-case questions, ideas and requirements to together **tailor fit** if and how digital twin technology may meet the unique needs of your organization.
- 🕒 Learn how to effectively **implement this technology in practice**.

Your trainers' combined knowhow covers years of experience in: IoT Sensors, Smart Manufacturing, Wireless Communications, Digitalisation and Digital twins, Industrial electronics, Materials Science and Electronics.

Participate 31.10. at 12:00-13:15, online and/or in-person in Oulu 08.11. at 09:30-11:00 [More information here!](#)



REBOOT SKILLS

REGISTER NOW

Fundamentals of Sustainability in Wireless Networking ICT

13.-22.11. online 4 x 90min



Join the free training on **Fundamentals of Sustainability in Wireless Networking ICT**.

- 🕒 Learn key principles of sustainability in information & communication technologies (ICT) and services. How does ICT **impact the future of manufacturing and SMEs?**
- 🕒 Understand **sustainability indicators in ICT**, and explore how **applications of ICT technology**, like 6G, can **enhance efficiency and resilience** in industrial settings.
- 🕒 Gain insights on sustainable **design, reporting, regulations and assessment** methods of ICT including IoT, with **applications that help future-proof your business** in a rapidly evolving tech landscape.

Trainings held on: 13., 15., 20. and 22.11. at 12:-13:30 Finnish time.

Your trainer, Marja Matinmikko-Blue, brings extensive experience in digitalization and sustainable ICT, guiding you through the principles, standards, and advancements needed to stay competitive and aligned with industry shifts.

[More information here.](#)

REBOOT SKILLS

Free short quality training on CYBERSECURITY:
CLICK & VOTE ON MOST RELEVANT CYBER TOPICS!

New training topics are being defined for Spring 2025.
Give us your input!

DIMECC

Interested in Using Pure Copper in 3D Printing?

EOS has overcome the challenges of using pure copper in additive manufacturing (AM) with the creation of its new CuCP pure copper material, which has the highest conductivity rating (100% IACS).

Copper Xperience Day in Hämeenlinna, Finland, offers an in-depth look into 3D printing with copper. EOS experts, customers, and partners will share insights and experiences in pure copper additive manufacturing, with an opportunity to tour Delva's production facilities and connect with industry experts.

Copper Xperience Day takes place Oct. 29th, 10:00 AM - 3:30 PM.

More info and registrations [here](#).

Manufacturing Performance Days 2025

Manufacturing Performance Days 2025 (MPD 2025) is centered around the theme "Manufacturing in the Age of AI."

This highly appreciated event will bring together internationally recognized experts and academia to discuss and represent best industrial practices and operational excellence, novel business concepts, as well as scientific and technological breakthroughs in the field.

Company booths, scheduled meetings, and networking areas nourish potential for new business partnerships and R&I collaboration across borders.

The 9th MPD will be held on June 4-5, 2025, at Tampere Hall. Various partnership opportunities are available, from startups to standard and strategic partners. If you're interested, please contact Harri Kulmala at harri.kulmala@dimecc.com, +358 40 840 6380. The event website is [here](#).

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.

Unsubscribe