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FIIF Newsletter 1/2025

Dear FIIF Community Members

This year's first FIIF Newsletter focuses on the upcoming FIIF events. The year was kicked off successfully with the Industrial Metaverse event in Helsinki and Teams with more than 90 registered participants. On March 6th, we offer to you an opportunity to hear how to Unlock Industrial RDI potential with Lumi Supercomputer and Lumi AI Factory. Top Data Science, Supersight and Meyer among others, will present their case studies how they have utilized LUMI as part of the AI development and CSC will guide us how to get started with LUMI. On April 10, FIIF will explore the future of manufacturing by AI-driven design and additive manufacturing innovation. Please remember to register to our upcoming events. More events are also being planned for May onwards.

The FIIF community is vibrant and growing. Currently, we have 128 partner organisations and more than 500 people on the mailing list. Please let us know, if you want more colleagues to be added to the mailing list. Remember also to tell about these events to your colleagues and encourage them to join our events too. We have also reactivated our "Member spotlight" section in this newsletter. In this edition we introduce our newest FIIF member AI Roots. Please let the FIIF manager know if you want to introduce your organization to the FIIF community in our next newsletter editions.

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 April.



Antti Karjaluoto

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FIIF Event: Unlocking industrial RDI potential with LUMI Supercomputer and AI Factory

📆 Thursday, March 6, 2025 at 9-12, in Helsinki (Eteläranta 10, rooms E28 and E29) and online

<u>Event web page</u>

Discover how the Lumi Supercomputer and the AI Factory are shaping the future through cutting-edge technology and practical business applications. Join us to explore company use cases and gain valuable insights into leveraging these powerful tools for innovation and growth.

Program

09.00-09.05 Welcome & FIIF intro, Antti Karjaluoto, FIIF manager

09.05-09.30 "LUMI Supercomputer for Industrial Use", Morthen Mathisen, Customer Manager

 $09.30\text{-}10.00\,$ "LUMI user case: Top Data Science", Kai Lehtinen, COO and Kseniia Khakalo, Lead Data Scientist

10.00-10.30 "LUMI user case: Meyer Turku", Heikki Piippo, Hydrodynamics Specialist and **Milica Todorovic**, Associate Professor, Materials Engineering, UTU

10.30-10.40 Networking break

10.40-11.00 "LUMI user case: Supersight", Kimmo Pentikäinen, CEO

11.00-11.30 "How to get started with LUMI", Jyrki Savolainen, Application specialist

11.30 Closing words by FIIF manager



FIIF Event: The Future of Manufacturing: AI-Driven Design and AM Innovation

📆 April 10, 2025, 9-12, in Helsinki and online

🔎 Event web page 👉 Registrations

In this event we will take a look at the latest possibilities of additive manufacturing.

FIIF 2025 pricing information

FIIF membership fee is based on the partner category, please see below the updated list for 2025 for the different categories. Invoices will be sent during March-April period, stay tuned.

Partnership type

Annual Service Fee (+VAT)

Large Industry Partners: Companies with annual revenue > €300 million 3.500 €

Midcap Industry Partners: Companies with annual revenue of € 50-300 million 2.500€

SME Industry Partners: Companies with annual revenue of ${\in}2\text{-}50$ million 600€

Micro Industry Partners: Companies with annual revenue under €2 million 200€

Non-Profit Partners: Federations, associations, trade unions, and companies registered as tax exempt organisations 200€

Academic Partners: Universities, Universities of applied science and their separate research organisations, VTT 200€

Public sector partners: Finnish ministries and government agencies 200€

Make in Finland ecosystem members get the FIIF membership included in the ecosystem fee.



Al Roots – A Data and Al consulting company with a strong network.

Al Roots has quickly grown into one of Finland's leading Data and Al consulting companies. Our goal from the beginning has been to create a new and scalable solution to the growing demand for Data and Al expertise. Our operations combine a strong customer and data understanding with a way to solve customer needs through our unique network of entrepreneurs and top experts. We offer companies the opportunity to scale their data teams quickly and with high quality. Our network includes over 500 data entrepreneurs and top experts, with whom we help companies develop data strategies, build architectures and implement Al solutions.



Al Roots acts as a link between companies and top experts – we connect the right experts with the right projects and offer entrepreneurs the opportunity to develop their expertise through meaningful customer relationships. Al Roots' founding team has a long history of supporting Finnish and international companies at different stagges of their data journey. It is not always clear what kind of expertise is needed in a company right now to accelerate development or tackle challenges. We help to structure talent needs, but also, if necessary, to shape a data strategy, architecture or development plan.

"It is great to join the FIIF community, as AI Roots has many industrial companies involved in DIMECC and FIIF as customers," says AI Roots partner, **Timo Heikkinen**. "Whether it is the first steps in utilizing data or building advanced AI models, AI Roots also helps industrial companies succeed in a rapidly changing world."

Free, short and online training opportunities available!

REBOOT SKILLS offers advanced digital upskilling opportunities to the manufacturing industry. The focus is on five key areas: artificial intelligence (AI), additive manufacturing (AM), cybersecurity, internet of things (IoT) and robotics.

Why should you attend?

The trainings are tailored to the needs of small and medium-sized enterprises (SMEs) in order to advance their digital transformation. Training providers are established universities, such as University of Oulu, Luleå University, or University of Limerick.

NOTE! There are no prior requirements to attend the trainings. All trainings are free of-charge and accessible to all.

Scheduled on-site training - TAMPERE

• Al for Managers – March 7, Tampere, 13:00-15:00

In this short in-person training intended for all manufacturing professionals you will learn about AI's impact on manufacturing business and operations. You will also get information on practical AI solutions available and easily applicable in manufacturing industry. The trainer is **Elina Annanperä**, Program Director and researcher from the University of Oulu

Spots are limited – secure yours and register today!

See also the offering of scheduled online trainings as well as self-paced online trainings here.

REBOTT

PoDoCo Spring 2025 Application Round is Open from March 1 until April 15

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.

PoDoCo is open for all companies operating in Finland and for all recently graduated doctors. More information <u>here</u>. Contact: Dr. **Seppo Tikkanen** (email: <u>seppo.tikkanen@dimecc.com</u>, tel. +358 40 8402780).

Futures of Technologies – Mutual Shaping of Socio-Technical Transformations

'Futures of Technologies' is the 25th international Futures Conference of Finland Futures Research Centre and Finland Futures Academy, University of Turku. This year the event is organized together with VTT Technical Research Centre of Finland.

Futures Conference 2025 focuses on the futures of technologies, their development, importance, role and risks as a driver of social change. What are the effects of social and environmental changes on technological development and vice versa? We will focus on questions like how can organisations and societies proactively manage the dual role of technology both as a solution and a source of new societal dilemmas; how can AI and other technologies contribute in advancing the scientific discipline and innovative approaches to technology within futures studies and foresight; how to perceive and rethink the linkages between novel technologies and policy-making; and how to reconstruct innovation policies in an era of pervasive technological changes.

FUTURES OF TECHNOLOGIES – Mutual Shaping of Socio-Technical Transformations 10–12 June 2025, Logomo, Turku, Finland.

Manufacturing Performance Days 2025

Manufacturing Performance Days 2025 (MPD 2025) is centered around the theme "Manufacturing in the Age of AI." The 9th MPD will be held on June 4-5, 2025, at Tampere Hall.

The partners of the event are Beckhoff, Dassault Systèmes, Fastems, Reaktor, Siemens, Technology Industries of Finland, Tampere University, VTT, DIMECC, CSC, AIKA Ecosystem, EIT Manufacturing, Elisa IndustrIQ, Escaltech, Netum, Teamviewer, Top Data Science, Advian, Brightly Works, Comatec, Fujitsu, IFM, Innofactor, Treon, Unikie, Vincit, Data Design, Lenz, Missing Link, PipeCloud, Resoniks, Select AM and Spogen.ai. The event is supported by the City of Tampere, the Tampere Chamber of Commerce, the Finnish-German Chamber of Commerce, and European manufacturing industry networks ManuFuture, Cecimo, EFFRA and A.Spire.

If your company is interested in becoming a partner, please contact CEO Harri Kulmala (harri.kulmala@dimecc.com, +358 40 840 6380).



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.

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