

FIIF Alert 4/2022

FAMN: Data Accelerator 2022 helps manufacturing SMEs leverage data to grow their business

The Finnish Advanced Manufacturing Network (FAMN), in cooperation with Technology Industries of Finland and Silo AI, will implement a **data accelerator for SMEs**. The accelerator utilizes tried and tested data economy models, and its aim is to help manufacturing SMEs use data to grow their businesses.

We are primarily looking for organizations that already have some idea about the use of data and artificial intelligence and understand their potential for business development. Participating organizations must also have the desire to develop their capabilities in bringing data projects into production through peer support and sparring.

Together with top AI and data experts, participating companies will have the opportunity to develop a way for using data, creating a view of the business, and helping the company accelerate the use of digitalization. Data mapping provides a basis for streamlining operations with AI-based analysis and optimization tools. In addition, good data capabilities increase the value of the company as a valuable business partner and are a prerequisite for the company's future competitiveness.

The first data accelerator was implemented in 2021 and it collected excellent feedback from participants. Silo AI has been chosen as the supplier for the accelerator in 2022. Silo AI's experts have first-hand experience of data projects in SMEs.

Data accelerator 2022 implementation principles:

- Data accelerator 2022 will be implemented during October-December 2022 and it will accommodate 10 SMEs.
- The working method of the accelerator is **workshops and peer-to-peer learning** between companies. Silo Al's experts are responsible for facilitating the workshops.
- The lessons from data accelerator 2022 will be documented and shared respecting confidential information and trade secrets
- for use by others as an industrial data playbook. You can find the 2021 playbook here (in Finnish only).

Got interested? Please contact:

- Antti Karjaluoto, tel. +358 40 7725440
- Kari Muranen, tel. +358 40 7725934

FAMN: Machine Learning Academy 2022 starts in October

Machine Learning Academy (MLA) is aimed for professionals working in the industry. It includes diverse learning modules from ML algorithms to ethics, and from designing and managing artificial intelligence (AI) projects to implementing AI in the company business. The goal of the training is to increase the participants' understanding of **how to utilize AI and machine learning in their company**. After the course, participants will have understanding of the fundamentals of Machine Learning, as well as the ability to recognize and manage development tasks that aim to benefit from Machine Learning.

MLA will be done in co-operation with Futurice Oy. There will be six (6) full-day workshops (from 9:30 to 16:30), which will be held in Tampere or in the Helsinki area. The estimated effort required from the participants is 35 hours of training + time spent with own project work. Workshop dates are the following:

- Workshop #1 (Al Crash course): Tuesday, October 11, 2022 (in Helsinki)
- Workshop #2 (Supervised Learning): Thursday, October 27, 2022 (in Helsinki)
- Workshop #3 (Data & Ethics and legislation): Thursday, November 3, 2022 (in Helsinki)
- Workshop #4 (Unsupervised learning and deep Learning): Tuesday, November 15, 2022 (in Helsinki)
- Workshop #5 (How to do ML Projects): Tuesday, November 22, 2022 (in Tampere)
- Workshop #6 (Project work presentations): Tuesday, December 13, 2022 (in Helsinki at Futurice premises)

More information is available on MLA web page. Most of the available 30 seats are already taken, but there are still a few seats for quick movers. The price is 4 000 \in (VAT 0 %) per seat.

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Nordic Deep Tech Business Summit (October 11-12, 2022 at Dipoli building in Espoo, Finland)

NORDEEP Summit is the first business development-focused deep tech event in Northern Europe. The goal of the event is to improve the commercialization and scaling of research in the Nordic and Baltic region to solve the big problems humanity is facing. NORDEEP Summit brings under one roof what every deep tech startup needs – funding, experts, talent, and clients.

This event is designed for deep tech startups, scaleups, research teams, universities, research institutes, science parks, investors, large corporations, service providers, startup ecosystem supporters, and influencers.

You'll find the tracks of the program here. Please note that there is **no live streaming**. More information:

- Partnership Team: partnerships@arcticstartup.com
- Tickets: Use code "DIMECC50ff" to get 50 % discount.

Open Call for ADMA TranS4MErs Acceleration Programme

Call for manufacturing SMEs and start-ups that meet the following criteria:

Are you looking for opportunities to boost your business? Are you ready to tackle digital challenges in your daily routines? ADMA TranS4MErs Acceleration Programme offers **innovation vouchers** and **direct funding** to design and implement your company's digital



- A startup or an SME based in a European Union Member State. (SME = 1-250 employees, annual turnover < €50 million, annual balance sheet < €43 million)

Transformation Plan and boost your journey towards becoming a Factory of the Future. Acceleration Programme has activated an Open

- Active in the field of Advanced Manufacturing, using new knowledge and innovative and cutting-edge technologies such as robotics, 3D printing, artificial intelligence, high-performance computing and modelling, to produce complex products.

- Acting as technology or service adopter improving manufacturing processes and products.

The Open Call is now open and the first cut-off date for applications is **November 2**, 2022, followed by November 16, November 30, and the last one on December 14, 2022. Up to 500 individual SME companies will receive support from the Programme for designing their Transformation Plan (the Design phase). Later, the selected companies can apply for additional support and direct funding for implementing their plan (the Revamp phase).

If you plan to submit an application, please check https://trans4mers.eu/open-calls for more information. For your application you will need a recommendation from a consortium member, and DIMECC can provide you with that. Please contact:

- Mr. Risto Lehtinen (email risto.lehtinen@dimecc.com, tel. +358 50 5553900)
- Ms. Doris Pryjma (email doris.pryjma@dimecc.com, tel. +358 40 8406700)

Events calendar

Name	Date	Location
FIIF Event "OPC-UA" at 9:00- 12:30	November 3	Helsinki and online
High Level Forum (HLF) Annual Summit in Tampere: "How Local and Regional Innovation Ecosystems Support the 2030 Global Goals"	November 6-9	Tampere
DIMECC's 15th Annual Seminar "Connected Safe Industry" is organized in co- operation with Business Finland and Nokia.	November 23	Nokia Executive Experience Center, Espoo

OPC Day Finland ("OPC UA extends to field and cloud")	November 29	Online
FIIF Event "IDS"	December, TBD	TBD
Manufacturing Performance Days (MPD)	June 6-7	Tampere, Finland

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. Follow us in Twitter (@FIIF_catalyst)! Re-tweets are highly appreciated!

DIMECC

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