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## May I have your attention before your summer vacation...

We are wrapping up this spring's event offering with two very interesting events: a dissemination event for **CyberFactory#1** project (June 9, 2022), and an event introducing **Finland's newly selected EDIHs** (June 16, 2022).

In this newsletter you can also find information about next fall's planned FIIF events. We will cover lots of acronyms, starting with **ROS** (September 22, 2022), followed by **OPC-UA** (in October) and concluding with **IDS** (in November). 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 August.

Stay tuned!



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## FIIF Event: CyberFactory#1 dissemination event (Thursday, June 9, 2022 at 9:00-12:30 in Helsinki and online)



The [CyberFactory#1](#) (2018-2022) project aims at designing, developing, integrating and demonstrating a set of key enabling capabilities to foster optimization and resilience of the Factories of the Future (FoF). The project includes 29 partners from seven countries and addresses the needs of pilots from Transportation, Automotive, Electronics and Machine manufacturing industries around use cases such as statistical process control, real time asset tracking, distributed manufacturing, and collaborative robotics.

This results webinar will highlight the research and development work done by the Finnish consortium partners, namely **Bittium**, **High Metal**, **Houston Analytics**, **Netox**, **Rugged Tooling** and **VTT** during the past three years. The focus will be on the ITEA project core themes, namely **optimization**, **cybersecurity** and **resilience**.

Join the event at Event House Bank (Unioninkatu 20, Helsinki) or online.

### Program :

9:00 Opening

Setting the scene (industry representative Pekka Yli-Paunu, Kalmar)

What is CyberFactory#1 all about – Finnish cybersecurity & trust perspective (Jarno Salonen, VTT)

Modeling and simulation in the German perspective (Linda Feeken, DLR + Matthias Glaw e, Airbus DE)

Factory of Future optimization in the Turkish/Portuguese perspective (NN, Vestel/Sistrade)

Development of Cybersecure Architecture to improve Cyber Resilience (Jari Partanen, Bittium)

Comments to the presentations (industry representative)

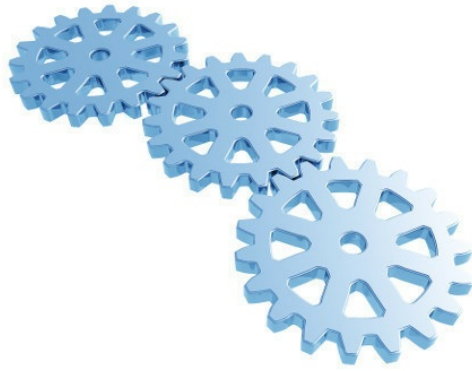
Joint discussion and Q&A

12:30 End of event

Registration [via this link](#)

[Event web page](#)

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## FIIF Event: Learn everything about Finland's EDIHs! (Thursday, June 16, at 9:00-12:30 in Helsinki and online)

European Digital Innovation Hubs ([EDIHs](#)) are part of the EU's new Digital Europe Programme. They function as service points that boost digital investments and the digitalization of SMEs. EDIHs provide access to technical expertise,

experimentation, and possibilities to 'test before invest'. They also provide innovation services, such as financing advice, training, and skills development that are needed for a successful digital transformation. In this event Finland's newly selected EDIHs present their plans and service offerings.

Program:

9:00 Opening

Comments from Ministry of Economic Affairs and Employment (Lasse Laitinen)

Comments from Technology Industries of Finland (Mervi Karikorpi, TT)

Presentations of the Finnish EDIHs:

- Finnish AI Region (FAIR)
- HealthHub Finland
- Location Innovation Hub (LIH)
- Robocoast EDIH Consortium

Joint discussion and Q&A

12:30 End of event

This will be a hybrid event, with the physical part taking place at Teollisuuskeskus (address Eteläranta 10, Helsinki). Registration [via this link](#).

[Event web page](#)



## Tampere Smart City Week, DigITre, and Arctic15 x Tampere events (June 14-15, 2022 at Nokia Arena, Tampere)

Tampere Smart City Week Conference, the new DigITre event and Arctic15 x Tampere startup event will be organised during June 14-15, 2022 at the new Nokia Arena in Tampere.

DigITre is a new event for ICT professionals and its themes are information security, business modernisation and smart solutions. Arctic15 is a premium meeting place for start-up entrepreneurs, investors, businesses, and the media. The start-up event is produced by ArcticStartup Media Oy and it will be organised in collaboration with the Platform6 community.

Event pages and registration:

- Smart City Week Conference: [event page](#) + [registration](#)
- DigITre: [event page](#) + [registration](#)
- Arctic15 x Tampere: [event page](#)

## 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 is implemented **during August-December 2022** and it will accommodate 10 SMEs.
- The working method of the accelerator is workshops and **peer-to-peer learning** between companies. Silo AI's experts are responsible for facilitating the workshops.
- The lessons from data accelerator 2022 will be 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 Karjaluo**, e-mail [antti.karjaluo@dimecc.com](mailto:antti.karjaluo@dimecc.com), tel. +358 40 7725440
- **Kari Muranen**, e-mail [kari.muranen@dimecc.com](mailto:kari.muranen@dimecc.com), tel. +358 40 7725934

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## FAMN technology webinar: “Leveraging IoT and data in manufacturing SMEs” (Thursday, June 16, 2022 at 14-16)

During the spring of 2022 FAMN ecosystem and Technology Industries of Finland have organized [webinars](#) focusing on introducing modern manufacturing technologies to SMEs. The last webinar focuses on presenting how to leverage IoT solutions and industrial data in SMEs in the manufacturing industry. The program covers the following topics:

- Practical IoT solutions (Johannes Niemi, Tosibox)
- Speeding up IoT solutions (Matti Hellgren, IoT Paja Säätö)
- Leveraging data in sales automation (Kai Huittinen, Wapice)
- Case Hydoring: Automating sales with data (Mikko Mellanen, Hydoring)
- Leveraging design data (Jukka Uotila, Siemens)
- Intelligent cloud solutions for optimizing production (Raimo Puro, Delfoi)

The presentations are in Finnish.

More information:

- Registration through [this link](#).
- Aki Sundell (email: [aki.sundell@teknologiateollisuus.fi](mailto:aki.sundell@teknologiateollisuus.fi), tel. +358 50 3387916)
- Satu Laakso (email: [satu.laakso@teknologiateollisuus.fi](mailto:satu.laakso@teknologiateollisuus.fi), tel. +358 40 5532266)

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## Preview to FIIF's Fall 2022 events

## FIIF Event: Robot Operating System (Thursday, September 22, 2022 at 9:00-12:30 in Tampere and online)

The Robot Operating System (ROS) is a set of open-source software libraries for building robotic applications. ROS offers to developers across industries a standard software platform that will carry them from research and prototyping all the way through to deployment and production. This seminar gives information about Finnish and international ROS success stories and future development visions. The seminar is organized in co-operation with [Prizztech Oy](#). More info will be updated on [the event webpage](#). Registration to the [event here](#).

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## FIIF Event: OPC-UA (October 2022, exact date TBD soon)

Interoperability and effective exchange of data is of increasing importance in modern industrial automation. OPC (Open Platform Communications by the [OPC Foundation](#)) is an interoperability standard for secure and reliable exchange of data in the industrial automation space and in other industries. It is platform independent and ensures seamless flow of information among devices from multiple vendors. OPC-UA ([OPC United Architecture](#)) is a collection of technologies that ensure a secure transfer of standardized information from the sensor to the cloud.

This seminar gives information both on current OPC-UA usage and future development trends. The seminar is organized in co-operation with [Suomen Automaatioseura](#).

**Related event:** [OPC Day Finland](#) (online event on November 29, 2022).

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## FIIF Event: IDS (November 2022, exact date TBD)

Trustworthy sharing of confidential data is becoming a reality. IDS ([International Data Spaces](#)) is a European data space initiative that aims at realizing the vision of future data economy and creating a global standard for data exchange across organizations and sectors. In this seminar, this topic will be explored from multiple perspectives. The presentations will answer the following questions:

- How IDS is being coordinated and how to get involved?
  - What are its main principles and building blocks?
  - Are there already existing success stories on applying IDS?
  - What kind of experiences companies have from Finnish IDS use cases?
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## Call to Action: Survey for European companies and stakeholders – Disruptions in supply chains

European Cluster Collaboration Platform (ECCP) and the Enterprise Europe Network (EEN) run a survey for all European companies and industrial stakeholders to identify **disruptions in European value and supply chains because of the current geopolitical situation**.

Please answer the survey and to send it also to your company contacts, as the answers are important to understand the impact of the war on Ukraine on our European economy. The results of the survey will contribute to a European response to these disruptions. Each answer counts and is shared with the European Commission. The next cut-off for the analysis of the results is on Tuesday, 29 March, but the survey will remain open.

[Link to the survey.](#)

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## Heads-up: Free online course on digital peer-to-peer training (Thursday, August 25, 2022 at 16:00-18:00 online)

MADE (Manufacturing Academy of Denmark) and VIA University College are organizing a free online course on using digital learning technologies in the context of optimizing employee training and production flow in factories. This two-hour course will introduce you to different ways of digitalizing peer-to-peer training, including video, Virtual Reality (VR), and Augmented Reality (AR). Pros and cons of using these technologies in relation to specific training scenarios will be discussed. The instructor can also help you develop a plan for digitalizing peer-to-peer training at your own company.

Registration: by e-mail to [cnellemann@made.dk](mailto:cnellemann@made.dk) before August 15, 2022.

For more information, please contact: **Ms. Merete Nørby** (email [mnorby@made.dk](mailto:mnorby@made.dk), phone +45 2112 3991) or Ms. **Camilla Nellemann** (email [cnellemann@made.dk](mailto:cnellemann@made.dk), phone +45 6019 8186).



MANUFACTURING  
PERFORMANCE  
DAYS

### Save the date: Manufacturing Performance Days June 6-7 2023!

Manufacturing Performance Days (MPD) is an international top-level B2B summit. This executive and visionary industrial renewal summit will bring together manufacturing industries, researchers as well as technology and service providers from all around the world to meet and exchange views. MPD 2023 will offer views of top class invited speakers from leading industry and academia on latest trends and achievements.

Manufacturing Performance Days 2023 is the 8th consecutive event and it will be held during **June 6-7, 2023 at Tampere Hall, Finland**. The previous MPD was organized in 2019. More info available [here](#).

If you are or your organisation is interested in MPD partnership, please contact MPD Co-Chair Dr. **Harri Kulmala** (e-mail: [harri.kulmala\(at\)dimecc.com](mailto:harri.kulmala(at)dimecc.com), tel. +358 40 840 6380).

If you have material that you would like to be included in the FIF New sletters and Alerts or otherwise distributed to the FIF community members, please contact the FIF Manager ([fif.manager@dimecc.com](mailto:fif.manager@dimecc.com)). You can also suggest a topic for a FIF event or activity or offer to give a presentation at a FIF event. FIF Manager also maintains the FIF mailing list, which is used to distribute information to contact persons. Please contact the FIF Manager regarding any changes to the FIF mailing list. Follow us in Twitter (@FIF\_catalyst)! Re-tweets are highly appreciated!

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