

## A preview to 2023 with a view back to 2022

Year 2022 was a busy year also for FIIF. Big "THANK YOU!" goes to our excellent speakers and active event participants! And a reminder: you can find all presentation materials in [FIIF's materials archive](#). This year's last newsletter contains information about FIIF events we have planned for the spring of 2023. The first event is organized on **February 16, 2023**, and it focuses on promoting use of AI in SMEs. Mark it in your calendars!

Next spring'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 **late January 2023**. It will contain more information about next year's events.

DIMECC's FIIF team wishes to all of you a restful end of the year and a peaceful New Year 2023!

Stay tuned!



**Risto Lehtinen**

FIIF Manager  
DIMECC Oy  
tel. +358 50 5553900  
e-mail [fiif.manager@dimecc.com](mailto:fiif.manager@dimecc.com)



**Trans4Mers**

## Call to Action! Open Call for ADMA TranS4MErs Acceleration Programme – Two new cut-off dates added!

ADMA TranS4MErs offers **innovation vouchers** and **direct funding** for manufacturing SMEs and start-ups to design and implement a digital Transformation Plan.

Two additional cut-off dates have been added to the Open Call: **January 4, 2023** and the final deadline of **January 18, 2023**. Up to 500 individual SME companies will be selected to receive support 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 [here](#) 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](mailto:risto.lehtinen@dimecc.com), tel. +358 50 5553900)
- Ms. **Doris Pryjma** (email [doris.pryjma@dimecc.com](mailto:doris.pryjma@dimecc.com), tel. +358 40 8406700)

## Quick recap of FIIF in 2022

In terms of numbers, year 2022 was very successful for FIIF. We organized eight FIIF events (in 2021, 8 events) to which registered in total 448 people (in 2021, 444 people). There were 353 different names in the registration lists (in 2021, 321 names) coming from 155 organizations (in 2021, 147 organizations).

#	Title	Registrations
1	Artificial Intelligence in Industry (Jan 27, 2022)	105
2	3D Printing (Feb 17, 2022)	38
3	Conversational AI (Apr 21, 2022)	49
4	CyberFactory #1 (June 9, 2022)	59
5	Finland's EDIH's (June 16, 2022)	56
6	Robotic Operating System (Sep 22, 2022)	68
7	OPC-UA (Nov 3, 2022)	48
8	International Data Spaces (Dec 8, 2022)	25

COVID-19 pandemic has evolved into an almost "normal" situation, but hybrid events still seem to be the name of the game: in all events clear majority of participants attended online. On one hand, it is more

convenient, but on the other hand, it limits networking opportunities, which FIIF partners have recognized as one of the main benefits from FIIF.

For FIIF, the biggest challenge of hybrid events are costs related to no-shows, i.e. participants who have registered as on-site participants, but later decide to attend online or skip the event. We, however, need to make reservations for meeting rooms, coffee and other refreshments based on information given to us at the registration. So, next time you register as an on-site participant in a FIIF event, please make a promise to yourself that you a) really plan to attend the event on-site and b) inform FIIF Manager, if your plans change.

Let's make 2023 even bigger and better FIIF year than 2022!

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## Planned FIIF Event Calendar in 2023

In the previous FIIF Newsletter we listed the preliminary topics for FIIF events in 2023. Here you can find the planned FIIF Event Calendar for Spring 2023, containing in total five events:

**Tekoälyratkaisujen edistäminen yrityksissä: AI-lähettiläs** (Thursday, February 16, 2023 at 13:00-16:00, in Tampere and online). This event will be organized in Finnish, more information below.

**AI in Industry: Machine vision** (March 2023, exact date TBD). In this event we will dip into new trends in AI where research and applications meet, like (deep) neural networks, high-performance computing, connectivity, cloud services, and edge computing. These trends open possibilities for new applications and even application areas.

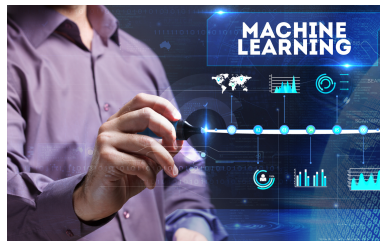
**XR in Industry** (April 2023, exact date TBD). Extended reality (XR) is an emerging umbrella term that encompasses immersive technologies, such as augmented reality (AR), virtual reality (VR), and mixed reality (MR). These technologies have the potential to transform a wide range of industries ranging from manufacturing (design and test of new products, training of employees) to commerce (immersive shopping experience), and education (interactive learning experience).

**Industry 5.0 – The next industrial revolution:** With people- and planet-centricity to more resilience (May 2023, exact date TBD). While some companies still lag behind in the implementation of Industry 4.0, the next industrial revolution has already begun, answering to the current challenges we face, such as COVID-19, the war in Ukraine, supply disruptions, and climate catastrophes. The three pillars of industry 5.0 are human-centric, resilient, and sustainable. The societal value of a company moves into the center, considering people, planet, and profit equally as company objectives. The new industrial revolution supports companies to stay relevant and survive in today's changing business landscape. In this FIIF event, we will discuss what this revolution means for business strategy, what opportunities will emerge, and how to implement it. This event is organized in co-operation with **Taival Advisory**.

**Autonomous Mobility in Smart Spaces** (June 2023, exact date TBD). VAMOS Ecosystem, established in 2022 with support from partner companies and Business Finland, is an innovation cluster that focuses on autonomous mobility in smart spaces. VAMOS seeks to connect relevant technology and service providers with end users, value ecosystems, and OEM providers from various vertical industries. Increasing the level of automation and real-time processing of data in a sustainable fashion can make a tremendous impact to safety, efficiency, and carbon footprint of transportation. These changes open significant business opportunities globally for technology companies that operate with autonomous and smart technologies.

Please let us know if you are interested in contributing as a presenter to any of these events. We like presentations of real-life business cases and insider viewpoints that make theories and technologies more concrete.

You can also propose new topics for FIIF events. Send your comments and suggestions to [FIIF Manager](#) or use the FIIF event registration form.



### FIIF Event: Tekoälyratkaisujen edistäminen yrityksissä: AI- lähettiläs (Thursday, February 16, 2023 at 13:00- 16:00, Tampere and online)

(This event will be organized in Finnish). Tämä suomenkielinen FIIF-tapahtuma järjestetään

16.2.2023 klo 13-16 Tampereella ja Teams-lähetyksenä.

Yrityksillä on piilossa olevaa pääomaa, joita ei ole osattu hyödyntää monessakaan PK-yrityksessä.

Pilotettua pääomaa löytyy yritysten omasta datasta, jota on usein hyödynnetty vain datan alkuperäiseen käyttötarkoitukseen.

Tässä FIIF-tapahtumassa tekoälyratkaisujen edistämisen moninaisia keinoja lähestytään kahden asiantuntijapuheenvuoron ja hankkeessa toteutettujen yrityskehitysten kautta. Nämä opit ja kokemukset avaavat hyvin tekoälyn ja datan edistämiseksi tarvittavia erityyppisiä ja -kokoisia toimenpiteitä, joissa liiketoiminta ja data keskustelevat tiiviisti. Opettavia kokemuksia siis kaikille datasta ja liiketoiminnan kehittämisestä kiinnostuneille.

AI-lähettiläs-hanke on Tampereen ammattikorkeakoulun ja Turun yliopiston toteuttama kaksivuotinen

ESR-rahoitteinen hanke. Lisätietoja [hankkeesta](#).  
Tapahtuma järjestetään yhteistyössä [Tampere AI -ekosysteemin](#) kanssa.  
Alustava ohjelma:  
Business Value from Data **Aleksi Roima**, Futurice  
Building data-driven cities , **Markku Niemi**, Business Tampere  
Data-centric AI, **Sami Laine**, Siili  
Cutting Edge: Material Need Prediction with AI in Gasket Manufacturing, **Jaakko Niukkala**, TT Gaskets  
More information on the [event web page](#).  
Register to the [event here](#).

## In focus

Name	Date	Location
<b>FIIF Event: "Tekoälyratkaisujen edistäminen yrityksissä: AI-lähettiläs"</b> <a href="#">More information on the event web page.</a>	Feb 16	Tampere
<b>FIIF Event: "AI in Industry: Machine Vision"</b>	March	TBD
<b>Automation Days 2023: "Automation and machine learning as enablers for the green transition" (Helsinki Expo and Convention Center).</b> <a href="#">More information on the event web page.</a>	March 28-29	Helsinki
<b>FIIF Event: "XR in Industry"</b>	April	TBD
<b>FIIF Event: "Industry 5.0 – The next industrial revolution: With people- and planet-centricity to more resilience"</b>	May	TBD
<b>Manufacturing Performance Days (MPD).</b> <a href="#">More info available here.</a>	June 5-7, 2023	Tampere
<b>FIIF Event: Autonomous Mobility in Smart Spaces</b>	June	TBD
<b>Alihankinta 2023 event (Tampere Exhibition and Sports Centre).</b> <a href="#">More information on the organizer's event web page.</a>	Sept 26-28	Tampere
<b>Finnsec event. (Helsinki Expo and Convention Center).</b> <a href="#">More information on the organizer's event web page.</a>	Oct 11-12	Helsinki
<b>AINordic virtual event: AI &amp; Business Strategies.</b> <a href="#">More information on the organizer's event web page.</a>	Oct 12	Online
<b>Teknologia 2023 event (Helsinki Expo and Convention Center).</b> <a href="#">More information on the organizer's event web page.</a>	Nov 7-9	Helsinki

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](mailto: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 Oy  
Akerlundinkatu 8, 33100 Tampere  
[www.dimecc.com](http://www.dimecc.com)



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