

FIIF Newsletter 4/2023

## Let's start talking about the fall ...

Below you can find updated information about FIIF events during the fall of 2023. We plan to organize the following four events: "Al and the power of simulation" (September 21, 2023), "Leveraging ChatGPT and Large Language Models in Industry" (October 19, 2023), "OPC-UA update" (November 2023), and "Private 5G Networks" (December 2023). Please mark these dates in your calendar! 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 August 2023.

Relax and stay healthy!



Risto Lehtinen

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## FIIF Event (AI in Industry series): AI and the power of simulation (Thursday, Sept. 21 at 9:00-12:30 in Tampere and online)



Quality and effectiveness of AI applications relies heavily on availability of high-quality, domain-

specific datasets for testing and training those applications. In-house data, if available, needs to be collected, compiled, and annotated and still it may be biased and inadequate to model untypical use cases. Synthetic training data (i.e. computer-generated and realistic use case data) has already been used in computer vision applications, but this approach can be generalized to cover also other industries. This FIIF event is done in co-operation with MathWorks and FIMA.

More info will be updated on the event web page. Register to the event here.



## FIIF Event (Al in Industry series): Leveraging ChatGPT and Large Language Models in Industry (Thursday, Oct. 19 at 9:00-12:30 in Helsinki and online)

About one year ago we run a FIIF event with the

title "Conversational AI", but since then ChatGPT has emerged as a massive disrupter. New use cases are constantly being found, especially in marketing, sales, and customer services where ChatGPT and conversational AI can dramatically change online customer experience. Even attitudes are changing: according to a recent survey, 40% of web users don't care if they are served by a bot or a human as long as they get the services they need.

#### Preliminary program:

- "Generative AI, Large Language Models and ChatGPT: What the Finnish industries need to do now", **Pekka Abrahamsson**/University of Tampere
- "Use of ChatGPT and Large Language Models in enterprise chatbots and virtual agents", Maria Eilola/BoostAl

"TBD", **Tuomas Syrjänen**/Futurice "TBD", NN/Silo.AI

# FIIF Event "OPC-UA update" (in November 2023, exact date TBD)

Our previous OPC-UA event was held in November 2022, but we think an update is well deserved, as the concept is constantly developing. New functionalities already in development include cloud library, Field-Level Communication (FLC), harmonization of companion standards, device onboarding, and semantic validation. We may combine this topic with Teknologia 2023 exhibition, which is organized during November 7-9, 2023 at the Helsinki Expo and Convention Centre. OPC Day Finland takes place November 30, 2023.

"Private 5G Networks" (in December 2023, exact date TBD)

Unlike public networks that are available to everyone, private networks are exclusive to a particular business, providing enhanced security and privacy for their operations. They can be customised to support a variety of devices and applications, including IoT devices, and can be optimised for performance, reliability, and scalability. With the rollout of 5G technology, the potential benefits of private networks are even greater, enabling businesses to enhance their operations and improve their bottom line. In February 2023, Business Finland launched a new €130 million program to the development of 5G Advanced and 6G ("6G Brigde"). Potential viewpoints in this event include: Is the technology mature enough for practical purposes? How do companies use private 5G networks? Are there new and innovative use cases? How could SMEs leverage private networks?

### In focus

Name	Date	Location
September 21, 2023: FIIF Event "AI and the power of simulation" (Platform 6/Tampere and online). More information on the event web page.	Sept 21	Tampere, online
Alihankinta 2023 event (Tampere Exhibition and Sports Centre). More information on the organizer's event web page.	Sept 26-28	Tampere
Finnsec event. (Helsinki Expo and Convention Center). More information on the organizer's event web page.	Oct 11-12	Helsinki
AlNordic virtual event: Al & Business Strategies. More information on the organizer's event web page.	Oct 12	online
October 19, 2023: FIIF Event "Leveraging ChatGPT and Large Language Models in Industry" (in Helsinki and online). More information on the event web page.	Oct 19	Helsinki, online
Teknologia 2023 event (Helsinki Expo and Convention Center). More information on the organizer's event web page.	Nov 7-9	Helsinki
Al Day 2023 event (Dipoli, Aalto University, Espoo). More information on the organizer's event web page.	Nov 8	Espoo
November 30, 2023: OPC Day Finland 2023. More information on the organizer's event web page.	Nov 8	Espoo

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(at)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!



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