

It's time to start working again

In this newsletter you can find detailed information about this fall's FIIF events. The first event (titled "AI and the power of simulation") takes place on September 21 in Tampere, and the second one (titled "Leveraging ChatGPT and Large Language Models in Industry") on October 19 in Helsinki. We planned to have an OPC-UA event in November but decided to move it to spring of 2024 to align it better with the other OPC-UA events. Planning of the Connectivity event is still on-going.

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 **October 2023**.



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Business Tampere and Team Finland Brazil arrange events for companies looking for opportunities in Brazil (August 30 & 31, 2023 in Tampere and Helsinki)

Brazil presents a range of compelling advantages as an appealing business destination. According to the latest economic projections from the OECD, Brazil's economy is expected to achieve growth rates of 1.7% and 1.2% in 2023 and 2024, respectively. Brazil holds the potential for an expanded role in the worldwide shift towards environmental sustainability, and the country stands at the crossroads of three major avenues, each offering a pathway to assuming a prominent global position: renewable energy, biobased resources, and materials, and the burgeoning carbon market. These combined sectors amount to a substantial market worth exceeding USD 125 billion.

Business Tampere and Team Finland Brazil organize two events for Finnish companies with an interest in the Brazilian markets.

Brazil Market Event

Date: **Wednesday, August 30, 2023** at 13:00-15:00.

Place: Tammer Room, Kelloportinkatu 1b, Business Tampere

More information and registration [here](#).

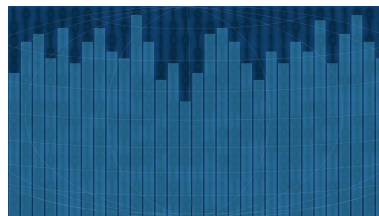
Unlocking business in Brazil: Free-trade agreement and new opportunities

Date: **Thursday, August 31, 2023** at 9:00-11:30

Place: Team Finland House, Porkkalankatu 1, Helsinki

More information and registration [here](#).

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.

"AI and the power of simulation", **Antti Löytynoja**, MathWorks
"Overview of Santtu project – simulation and AI towards autonomous heavy machinery",
Grzegorz Orzechowski, LUT
"Control oriented modeling with subsystem-based learning for mobile working machines",
Professor **Jouni Mattila**, Tampere University
"How AI-centric Simulation Improves AI Model Performance: The AllLiveSim Approach", **Ouissem Aloui**, AllLiveSim

The event takes place at Platform6 (address Åkerlundinkatu 8, Tampere) and online. More info will be updated on the [event web page](#). Register to the [event here](#).



FIIF Event (AI 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**/BoostAI
"Challenging the convention with ChatGPT & Large Language Models", **Tuomas Syrjänen**, Futurice
"Specialised LLMs for industrial use cases", **Aarne Talman**, Silo GenAI

More information will be updated on the [event web page](#). Register to the event [here](#).

Save the date: DIMECC's Annual Seminar and 15th Anniversary Party (Tuesday, November 21, 2023 at 14:00-21:00 in Tampere)

All Fiif members are welcome to participate in the professional future event! Details of the program taking place at Sokos Hotel Tori, Tampere, will be updated later.

"Private 5G Networks" (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?



PoDoCo Autumn 2023 application round is open 15.9.-31.10.2023

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.

Since 2015, there have been more than 230 PoDoCo projects, and in fully realized PoDoCo projects, 90% of the PhDs have stayed to work in the collaborative company. PoDoCo is open for all companies operating in Finland and for all recently graduated doctors. More information [here](#).

Contact: Dr. **Seppo Tikkanen** (email: [seppo.tikkanen\(at\)dimecc.com](mailto:seppo.tikkanen(at)dimecc.com), tel. +358 40 840 2780).

XAMK event: KyberRuskapäivä 2023 (Wednesday, September 13, 2023 at 8:30-15:30 in Kotka and online)

XAMK organizes KyberRuskapäivä 2023 at its Kotka campus and online. This free of charge event offers up-to-date information about cyber security of critical infrastructure, cyber and hybrid threats to companies, "cyber hygiene" and competence development of personnel, as well as cyber security in logistics and maritime traffic.

Already confirmed speakers include:

Mikko Kiviharju, Cyber Security Professor of Practice at Aalto University and at XAMK
Jarno Limnéll, Member of Parliament, Cyber Security Professor of Practice at Aalto University
Päivi Brunou, CEO of METSTA (Mechanical Engineering and Metals Industry Standardization in Finland)
Alpo Rusi, Ambassador
Jari Kenttälä, Founder and Head of Product & Customer Success, Badrap Oy

This event will be organized in Finnish.

More information available on the [event web page](#).

CSC's Supercomputing Innovation Summit 2023 (October 4-5, 2023 in Kajaani)

CSC organizes the Supercomputing Innovation Summit 2023 in Kajaani – a must-attend event for companies interested to boost their innovations with supercomputing! Two-day program is full of enlightening talks by top speakers and inspiring industrial use cases where they showcase the benefits they have accomplished with supercomputing in their business.

- Discover how supercomputing can boost your RDI efforts with demanding simulations, large-scale artificial intelligence (AI), and high-performance data analytics
- Learn from industrial use cases showcasing the benefits of supercomputing in R&D
- Get practical guidance on utilising LUMI for industrial use.
- Explore financial support options for companies
- Gain ideas how to collaborate with higher education and research institutions
- Stay up to date with the latest advancements and future plans for quantum computing in Finland

There is also an exclusive opportunity to visit LUMI EuroHPC, the fastest supercomputer in Europe.

More information available on the [event web page](#).

In focus

Name	Date	Location
Brazil Market Event (in Tampere). More information here.	August 30	Tampere
Unlocking business in Brazil: Free-trade agreement and new opportunities (in Helsinki). More information here.	August 31	Helsinki
XAMK event: KyberRuskapäivä 2023 (Kotka and online). More information here.	Sept 13	Kotka, online
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
CSC's Supercomputing Innovation Summit 2023 (October 4-5, 2023 in Kajaani). More information on the organizer's event web page.	Oct 4-5	Kajaani
Finnsec event. (Helsinki Expo and Convention Center). More information on the organizer's	Oct 11-12	Helsinki

[event web page.](#)

AINordic virtual event: AI & 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
ESG Day 2023 (Keilaranta, Espoo and live stream). More information here.	Oct 31	Espoo, online
Teknologia 2023 event (Helsinki Expo and Convention Center). More information on the organizer's event web page.	Nov 7-9	Helsinki
AI Day 2023 event (Dipoli, Aalto University, Espoo). More information on the organizer's event web page.	Nov 8	Espoo
DIMECC's Annual Seminar & 15th Anniversary Party (Sokos Hotel Torni Tampere)	Nov 21	Tampere
November 30, 2023: OPC Day Finland 2023. More information on the organizer's event web page.	Nov 30	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](mailto: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.



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