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FIIF Newsletter
2/2024

Ready for Industrial Metaverse?

In this FIIF Newsletter you can find more information on the upcoming FIIF events: "Industrial Metaverse" on April 11 and "Corporate Sustainability" on May 23. We are also planning a FIIF event in June on cyber security, so stay tuned.

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 May 2024**.

Risto Lehtinen

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Results webinar for "Data and AI Accelerator"

📅 **Thursday, March 21, 2024 at 14:00-16:00, online**

🔍 **More info Ms. Clémentine Arpiainen, tel. 358 40 6603424**

👉 **Registrations (You will receive a Teams link in return)**

The event is free and open for all. It is organized in Finnish.

DATA & AI
Accelerator

Tervetuloa mukaan kuulemaan käytännön opit valmistavan teollisuuden tuoreimman Data- ja tekoälykiihdyttämön toteutuksesta. Alustuksissa pureudutaan siihen, mitä Data- ja tekoälykiihdyttämössä tehtiin, miksi siihen kannattaa osallistua ja kuinka datasta ja tekoälystä saadaan konkreettista liiketoiminnallista hyötyä.

Ohjelma:

Avaus, **Clémentine Arpiainen**, DIMECC

Mikä on Data- ja AI-kiihdyttämöohjelma, **Mika Aho** ja **Jaakko Mattila**, Data Design

Tuoreimman jakson yritysten kokemukset, Abloy, Mantsinen, TT Gaskets ja Meyer Turku

Data, tekoäly ja generatiivinen tekoäly (GenAI) teollisuudelle, **Tarmo Pajunen**, Silo AI

Mitä seuraavaksi, **Kai Knuutila**, Silo AI ja **Clémentine Arpiainen**, DIMECC

Tilaisuus tallennetaan ja tallenne jaetaan ilmoittautuneille osallistujille jälkikäteen. Kiihdyttämön järjestivät Finnish Advanced Manufacturing Network (FAMN), Silo AI ja Data Design Oy Teknologiateollisuuden tuella.

Seuraava Data- ja tekoälykiihdyttämö starttaa 18.4.24. Nyt on aika ilmoittautua mukaan! Lisätietoja.

FIIF Event on Industrial Metaverse

📅 **Thursday, April 11, 2024 at 9:00-12:30, Helsinki and online**

🔍 **Event web page**   👉 **Registrations**

Metaverse technologies, including Virtual Reality (VR) and Augmented Reality (AR), present significant opportunities for the manufacturing industry. These innovative technologies enhance various aspects of manufacturing, from process improvement to product quality enhancement. Notable applications include design and prototyping, training and skills

development, maintenance and repair, quality control, factory planning, remote collaboration, and safety training.

At this FIIF event, we will explore the potential of the Industrial Metaverse across various industry applications. The presentations will cover perspectives from technology providers and research organizations, highlighting diverse opportunities in the field.

Preliminary agenda:

"Industrial Metaverse technologies in improving design and prototyping in sustainable manufacturing", **Miikka Pönniö**, Siemens

"Human-driven Industrial Metaverse", **Markku Kivinen**, VTT

"Industrial Metaverse in shipbuilding – remote inspections", **Seppo Tikkanen**, DIMECC, **Tuomas Suominen**, KIWA

"IoT data fabric for Industrial Metaverse", **Abhishek Kumar**, University of Oulu

"Immersive Digital Life Mission", **Sanni Siltanen**, Business Finland

"Metaverse Finland ecosystem", **Arto Peltomaa**, DIMECC

FIIF Event: Corporate Sustainability

📅 **Thursday, May 23, 2024 at 9:00-12:30, Tampere (Platform 6 and online)**

🔍 **Event web page** 👉 **Registrations**

As part of the European Green Deal, EU requires all large companies and all listed companies to disclose information on what they see as the risks and opportunities arising from environmental, social, and governance issues (ESG), and on the impact of their activities on people and the environment. This helps stakeholders to evaluate the sustainability performance of companies.

On January 5, 2023, the **Corporate Sustainability Reporting Directive (CSRD)** entered into force to modernize and strengthen the rules concerning the ESG information that companies have to report. The first companies will have to apply the new rules for the first time in the 2024 financial year, for reports published in 2025. Companies subject to the CSRD will have to report their information according to **European Sustainability Reporting Standards (ESRS)**, which were published on December 22, 2023.

Call to Action for SW Developers: Get Ready for ESG Tool Tender Opening in March 2024!

Attention software developers! Are you ready to play a pivotal role in driving corporate sustainability reporting? The SusTool EU project is excited to announce an upcoming procurement tender for the **development of a web-based ESG tool** (Environmental, Social, and Governance), tailored specifically for SMEs.

In April 2021, the EC adopted a proposal for Corporate Sustainability Reporting Directive (CSRD), which, together with European Sustainability Reporting Standards (ESRS), extends the reporting responsibility to all large companies and all companies listed on regulated markets. Companies need to also report sustainability parameters of their suppliers, which

means that the directive will impact many SMEs, too. At the moment there are several reporting standards and frameworks, which makes the situation challenging, especially for SMEs co-operating with several large companies. The SusTool project develops and pilots a Sustainability Reporting Tool consisting of a **digital reporting environment** and a set of **recommendations** for companies on how to efficiently align their operations with the required sustainability parameters.

Your expertise is crucial to the success of this project. Let's work together to innovate solutions that enable businesses to thrive sustainably. Stay tuned for the tender announcement in March 2024 and become an integral part of this transformative journey!

For more information, please contact Ms. **Lisbet Frey** at DIMECC (e-mail: lisbet.frey@dimecc.com, tel. +358 40 8400082).

The SusTool EU project (2023-2025) is financed by Interreg Baltic Sea Region program, and it contributes to EUSBSR PA Innovation Action 2 "Digital Innovation and Transformation". The project is led by Estonian Ministry of Economic Affairs and Communications.

LAST CHANCE TO REGISTER! REBOOT Skills training course "Technology for non-Technical Experts"

📅 **Friday, March 22, 2024 at 9:30-15:30, Tampere (Platform 6, Åkerlundinkatu 8)**

👉 **Registrations (open until March 20)**

🔍 **More info Elina Annanperä and Ms. Clémentine Arpiainen**

This training will provide basic understanding of the role of modern technology in the Manufacturing Industry. It will help people who would like to be employed in manufacturing industry companies to support their future employers. It will also give a solid foundation for pursuing further educational activities in technology.

PoDoCo Spring 2024 application round is open until April 15, 2024

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, we have financed 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@dimecc.com, tel. +358 40 8402780).

AI Doctoral Program

The Finnish Ministry of Education and Culture has launched a doctoral pilot program, with 100 positions in AI research across 10 Finnish universities. One of the pilot's aims is to increase collaboration with industry, as well as leverage the benefits and applications of AI across scientific fields and businesses.
Apply here for a position in the pilot program by **April 2, 2024**.
Companies can find out more about how to participate in the pilot through the universities here.

Events calendar

April 3, 2024: FCAI event "AI generated it – who owns it?"
April 4, 2024: Business Finland event "Eurostars: Ready for take-off networking event"
April 9-11, 2024: 6G Symposium: "Crucial Conversations at a Critical Time"

April 10, 2024: SITRA event "Nordic Data Festival 2024"
April 18, 2024: FIIF Event on "Industrial Metaverse"
April 16, 2024: FCAI event on "Sustainable AI Solutions"
April 29, 2024: FCAI event on "Tekoäly ja terveysdata" (partly in Finnish)
May 17-18, 2024: Traficom's "Hack the Networks" 5G cybersecurity hack
May 23, 2024: FIIF Event on "Corporate Sustainability"
June 26-28, 2024: European AI/ML Symposium and ELLIS community event organized by the ELISE project in Helsinki

If you have material that you would like to be included in the FIIF Newsletters 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.*

Olen uusi kappale