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FIIF Newsletter 3/2021

DIMECC

Spring is in the air ...

... although it is not yet visible in the Finnish weather. There are still about seven solid work weeks before Finland closes for summer holidays. So, there is also time for the **annual FIIF Survey**, which will be launched soon.

In the FIIF web page you can find reports from the previous FIIF events "**Industrial applications of drones**" and "**Cloud-native development for IoT**". We will organize on May 20, 2021 a joint event with the **Intelligent Industry ecosystem** and on June 10, 2021 an event focusing on **cyber security in Industrial IoT**. Regular visits to the Events section in FIIF's web pages will help you stay on board and well informed!

Other topics covered in this newsletter include **WIMMA webinar** about benefits and opportunities in 5G (May 10, 2021), FCA's **Smart Mobility webinar** (May 20, 2021), 5G cyber security **hackathon** (June 18-20, 2021), and EIT Digital's free **Summer Schools** for Finnish professionals.

The next FIIF Newsletter will be published in June, just before the start of the holiday season. 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](#). 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.

Stay tuned for more updates!



Risto Lehtinen

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Follow us on Twitter (@FIIF_catalyst)!

Re-tweets are highly appreciated!

FIIF Event on “Intelligent Industry ecosystem and FIIF” (May 20, 2021 at 9:00 – 12:30)

Intelligent Industry (II) is an innovative ecosystem connecting leading Finnish equipment manufacturers and providers of digital solutions to drive and realize the immense opportunities of the emerging new era of Intelligent Industry. Its strategic core partners are Fastems, Elekmerk, HT Laser, Konecranes, Melkki, Nokia, Prima Power, Raute, and TietoEVRY, all leading companies in their own fields. The ecosystem is funded by the participating companies and Business Finland, and it is facilitated by DIMECC.

Presenters and preliminary program:

“Intelligent Industry ecosystem and FIIF”, **Risto Lehtinen**, FIIF Manager

“Introduction to Intelligent Industry ecosystem”, **Antti Karjaluo** & **Kari Muranen**, DIMECC Oy

IoT insights from industrial companies:

- Konecranes
- TietoEVRY
- HT Laser
- Fastems

When	Thursday, May 20, 2021 at 9:00 – 12:30
Where	Online only
Cost	Free for employees of FIIF partner organizations
Contact	Mr. Risto Lehtinen, DIMECC Oy (e-mail fif.manager@dimecc.com , tel. +358 50 5553900) More information on the event web page . Registration via this link .

FIIF Event on “Cyber Security in Industrial IoT” (June 10, 2021 at 9:00 – 12:30)

Presenters and preliminary program:

“Management of cyber security”, **Aapo Cederberg**, CyberWatch Finland

“Cyber risk analysis”, **Jyrki Paananen**, 4Ks

“OT Security”, **Franco Monti**, MSF Partners

“Post-COVID hybrid model of working”, **Arto Rätty**, Fortum (chairman of Digital Way of Working Task Force)

When	Thursday, June 10, 2021 at 9:00 – 12:30
Where	Online only
Cost	Free for employees of FIIF partner organizations
Contact	Mr. Risto Lehtinen, DIMECC Oy (e-mail fif.manager@dimecc.com , tel. +358 50 5553900) More information on the event web page . Registration via this link .

WIMMA webinar on "5G – benefits and opportunities" (May 11, 2021 at 8:40 – 9:50)



The WIMMA project ([We Master the IoT](#)) supports Finnish industrial companies to digitalize and renew their activities and SMEs to create new business opportunities using digital solutions.
Preliminary program:

Opening, **Henri Ahlqvist**, TechVilla

"Private networks and 5G", **Mikko Patrakka**, Venumia

"5G opportunities and challenges in agriculture", **Pekka Päivikkö**, AGCO Suomi Oy

"5G as an enabler for the Industry 4.0 revolution", **Juhani Kerovuori**, Konecranes

Summary and closing, **Henri Ahlqvist**, TechVilla

Please register by Monday, May 10, 2021 at 12:00 through [this link](#). Please note that this event is held in **Finnish**.

FCAI Webinar “AI for Sustainability – Smart Mobility” (May 20, 2021 at 13:00 – 15:00)

The mission of FCAI ([Finnish center for Artificial Intelligence](#)) is “**Real AI for Real People in the Real World**”. In practice, FCAI aims to create new types of AI, which can operate with humans in the complex world, and to renew the Finnish industry with this new AI.

On FCAI's [calendar web page](#) you can find links to events covering AI from several angles. For example, on May 20, 2021 FCAI organizes an open “Industry & Society” webinar with a title “**AI for Sustainability – Smart Mobility**”. This webinar deals with sustainability in smart city development and smart mobility, and the roles of artificial intelligence and data-analytics in enhancing greener mobility. Invited speakers provide their views on the possibilities and challenges of sustainable mobility in cities, and the audience can submit questions for them and for the panel discussion during the presentations. Program:

13:00 Welcome words and setting the scene: Artificial Intelligence for sustainable mobility, Laura Ruotsalainen, Associate professor, Department of Computer Science, University of Helsinki, HELSUS & FCAI

13:15 LuxTurrin5G – Smart City data platform enabling digital service creation in a sustainable world, Juha Salmelin, LuxTurrin5G Ecosystem Leader, Nokia

13:35 Mobility as a Service - The End of Car Ownership? Sampo Hietanen, CEO, MaaS Global Oy

13:55 FCAI: AI as a key-enabler for sustainability, Heikki Ailisto, Research Professor, VTT and Lead, FCAI ISP

14:10 Break for 5 mins

14:15 Panel Discussion, moderator: Laura Ruotsalainen. Panelists: Juha Salmelin, Sampo Hietanen, Heikki Ailisto and Outi Keski-Äijö, Head of AI Business program, Business Finland

14:45 Project pitch: AI for charging scheduling and moving assets components optimization for EV transport, Yancho Todorov, Research Scientist, VTT & Sebastiaan De Peuter, Doctoral candidate, Aalto University

14:55 Wrap-up, Laura Ruotsalainen

15:00 End of the event

Please register to the webinar through [this link](#) latest by **Tuesday, May 18, 2021**.

AI-Champion project helps companies benefit from AI and data science

Artificial intelligence is changing the society. AI and data science enable us to develop our processes, working methods and businesses. They also offer ideas, tools and methods to improve service development and business solutions. However, starting to utilize AI can be challenging for companies. There aren't many examples and success stories available how to implement AI solutions in the most beneficial way.

AI-Champion project ([AI-Lähettiläs](#)) offers to companies a systematic model on how to develop their abilities to leverage AI and data science to improve their business operations. The idea of the project is that one employee is chosen to be an AI-champion. The AI-champion has already basic knowledge about AI and business development and is able to implement the identified changes in the company. The project supports the AI-Champion in implementing an AI PoC trial for a new business case and other changes inside the company.

AI-Champion project was started in March 2021 and it will continue until end of February 2023. The program is **free of charge** to the participating companies and the first workshops will be organized during the fall of 2021.

Project coordinator is Tampere University of Applied Sciences and the other participants are School of Economics at University of Turku, Turku Science Park Oy, and Turku AI Academy ([Tekoälyakatemia](#)).

Funding comes from European Social Fund (ESF) through Centre for Economic Development, Transport and the Environment (ELY-keskus) in Central Finland.

For more information, please contact Project Manager [Kari Naakka](#) (tel. +358 40 7294269).

EIT Digital Summer Schools are free for Finnish professionals!



EIT Digital and FiTech are joining their forces to offer learning opportunities for Finnish professionals. EIT **Digital Summer Schools** are open for professionals who want to deep-dive in emerging digital technologies, learn how to turn technology into business, and eventually launch deep-tech startups.

Thanks to FiTech, EIT Digital Summer Schools are now available for free for professionals in Finland.

Check out the opportunity and register [here](#).

The application deadline for the ICT Innovation Summer school course is May 20, 2021. However, in order to receive your EIT Digital Summer School program acceptance on time, please apply through the [EIT Digital Summer School website](#) latest on May 10, 2021.

In 2021 all EIT Summers School programs are organized **online**. There are in total 11 programs focusing on different aspects of digital innovation and entrepreneurship.

Digital wellbeing		
Data, visualization and connectivity for healthcare	Coventry, England	July 25 – August 7, 2021
eHealth personalized prevention	Tallinn, Estonia	July 25 – August 7, 2021
Digital finance		
Data science for financial problems	Budapest, Hungary	July 18-31, 2021
Disrupting finance with digital technologies	Madrid, Spain	July 18-31, 2021
Digital industry		
Data driven manufacturing with Industry 4.0	Bologna, Italy	July 25 – August 7, 2021
IoT platforms for Industry 4.0	Munich, Germany	July 25 – August 7, 2021
Digital tech		
Internet of things and business transformation	Stockholm, Sweden	August 1-14, 2021
Digital methods for media and democracy	Amsterdam, Netherlands	July 4-17, 2021
Digital cities		
Digital platforms for Smart Cities	Helsinki, Finland	August 8-21, 2021
Digital transformation for organizational resilience	Ljubljana, Slovenia	July 25 – August 7, 2021
Reshaping cities for a healthy environment	Rennes, France	July 4-17, 2021

5G Cyber Security Hack 2021



Traficom (Finnish transport and Communications Agency), National Cyber Security Center Finland (NCSC-FI), and National Emergency Supply Agency organize together an **international hackathon** focusing on 5G cyber security. Challenge partners are Cisco, Ericsson, Nokia, Pw C Finland, and Aalto University.

This virtual event will be organized **during June 18-20, 2021**. On the [event page](#) you can find more information about the individual challenges. Please register through the event web page by **May 28, 2021**.

European Research and Innovation Days (June 23 and 24, online)

[European Research and Innovation Days](#) is the European Commission's annual flagship Research and Innovation event, bringing together policymakers, researchers, entrepreneurs and the public to debate and shape the future of research and innovation in Europe and beyond. In 2021, this event will take place online on June 23 and 24, allowing everyone to get involved from anywhere.

This year marks the start of Horizon Europe, EU's most ambitious research and innovation program ever. Cooperation in research and innovation is also essential in our recovery from the COVID-19 pandemic and will pave the way to a greener and more digital future. The European Research and Innovation Days represent a unique opportunity to add your voice to the conversation.

[Subscribe here](#) to receive updates on the event.

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