

**FINNISH
INDUSTRIAL
INTERNET
FORUM**

FIIF Newsletter 7/2021

DIMECC

Season's Greetings!

In spite of COVID restrictions, 2021 has clearly been a record year for FIIF: in total **322 participants** from 150 organizations registered to our eight FIIF events. The most popular event was "Extended Reality in Industry" in November with over 90 registrations. Big thanks to all presenters and participants! This FIIF Newsletter will be sent to 422 recipients, but there is room for more. If you want to add more people to the mailing list, please contact FIIF Manager.

In this newsletter you can find information about events taking place during January and February 2022. There will be updates, 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 – early February. 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. Let's have a restful holiday break!



Risto Lehtinen

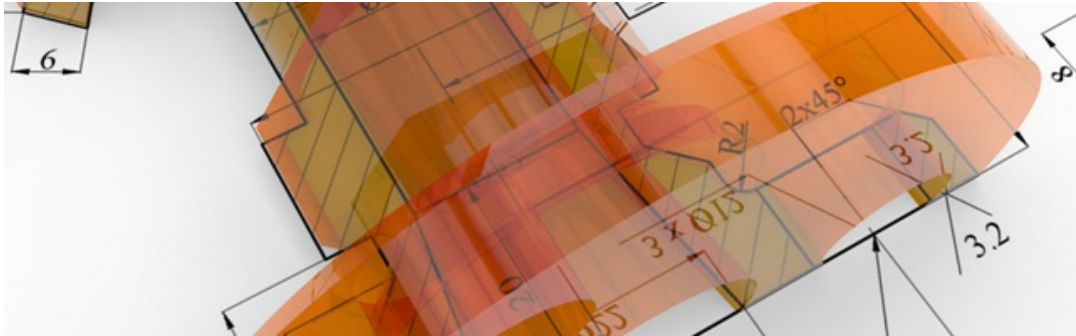
FIIF Manager
DIMECC Oy
tel. +358 50 5553900
e-mail fiif.manager@dimecc.com



Follow us on Twitter (@FIIF_catalyst)!

Re-tweets are highly appreciated!

METSTA webinar about Model-Based Definition (Tuesday, January 18, 2022 at 9:00-10:30)



METSTA (Mechanical Engineering and Metals Industry Standardization in Finland) arranges a free webinar on how to utilize MBD (Model-Based Definition). The webinar is partly in Finnish. METSTA has published a new version of their MBD handbook, which can be downloaded [here](#) for free.

In this webinar MBD is introduced by simulating the data transfers during the lifecycle of a product (design => manufacturing => measuring). The simulation highlights the benefits of MBD but covers also the current challenges and bottlenecks. The Finnish translation of the recently updated MBD standard is also presented (title: *SFS-ISO 16792:2021 Tekninen tuotedokumentointi. Digitaalista tuotemäärittelytietoa koskevat käytännöt*).

Program:

9:00 Opening

“Presentation of the MBD handbook” / **Jukka-Pekka Rapinoja**, METSTA

“Creating an MBD model in CAD” / **Mikko Hinkkanen**, PDSVision Oy

“CAM Processes and Simulation with MBD-data” / **Henrik Hansen**, Ideal GRP

“Using MBD model in a coordinate measuring device” / **Mikko Kähäri**, Zeiss Oy

Discussion

10:30 Closing

Register to the webinar by January 16, 2022 on the [event web page](#). Due to Teams, the number of participants is limited to 250. There are already well over 200 registered participants, so register now and make sure your company doesn't miss this opportunity. The webinar will be recorded and the recording posted on METSTA's web page.



FIIF Event: Artificial Intelligence in Industry – Networking seminar (January 27, 2022 at 12:00-15:00), hybrid event in Tampere (Platform6) and online

Nokia Technologies and DIMECC are leading a 3-year research project AISA (AI-based Situational Awareness) to accelerate the adoption of AI and high-speed wireless communication (5G) by Finnish industry. Leveraging high speed edge computing and the ultra-low latency power of 5G networks will also ensure that industrial applications have rapid response times.

AISA project focuses on taking AI-assisted situational awareness to the top of the industrial world. The core partners of the AISA project are Nokia Technologies, Valmet Automation, Mirka, Insta Advance, Top Data Science, Ficolo, and the Tampere University.

In this FIIF seminar visions and early progress of the AISA project are presented by its industry and academic partners. AISA ecosystem also welcomes new partners to join the community.

When	Thursday, January 27, 2022 at 12:00 – 15:00
Where	Platform6 startup center (Åkerlundinkatu 8, Tampere) and online
Cost	Free for employees of FIIF partner organizations
Contact	Dr. Arto Peltomaa, DIMECC Oy (e-mail arto.peltomaa@dimecc.com , tel. +358 40 5511434) More information on the event web page . Registration via this link .

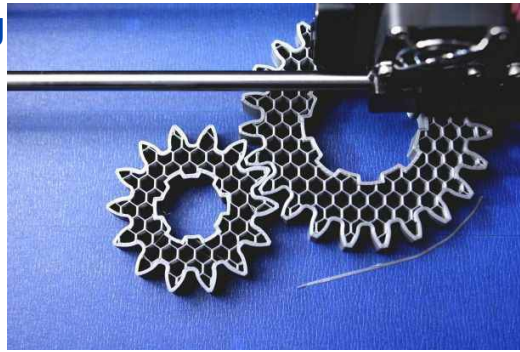
Side note: Artificial Intelligence in the German industry

On December 14, 2021 Business Finland organized a very successful collaboration seminar with German industrial AI actors. Late 2018 Germany unveiled the first national AI strategy, and much progress has been seen in the last three years.

In this seminar [IIP Ecosphere ecosystem](#) was the key partner from the German side. Their presentation includes interesting links to the industrial projects they have carried out as well as invitations to future co-operation at EU-level. Nokia, DIMECC, Top Data Science, and Silo AI participated in the seminar with their own presentations.

A very useful general portal to German AI activities can be found here: [Germany's platform for artificial intelligence](#).

FIIF Event about 3D printing (February 17, 2022 at 9:00-12:30), hybrid event in Tampere (Platform6) and online



We have agreed with the FAME ecosystem ([Finnish Additive Manufacturing ecosystem](#)) that they organize a 3D-printing -themed FIIF event. It will be a hybrid event with the physical part happening in Tampere (Platform6 at Åkerlundinkatu 8).

This event will provide you with basic information about 3D printing (i.e. methods and materials) as well as guidance on how to leverage it in your own company. Presentations will cover both plastic and metal 3D printing, highlight the role of design, and give guidance on how companies can leverage 3D printing in their operations.

When	Thursday, February 17, 2022 at 9:00 – 12:30
Where	Platform6 startup center (Åkerlundinkatu 8, Tampere) and online
Cost	Free for employees of FIIF partner organizations
Contact	Risto Lehtinen, DIMECC Oy (e-mail risto.lehtinen@dimecc.com , tel. +358 50 5553900) More information on the event web page . Registration via this link .

Demobooster Tampere challenges have been published

[Demobooster](#) is an innovation service for rapid commercialization of new business and product ideas. It provides a collaboration platform for companies hunting for killer applications through strategic partnerships: an innovation highway from ideas to products. Demobooster Tampere is organized in cooperation with [Business Tampere](#) and the idea is to give especially the companies in the Tampere region an opportunity to boost their innovation.

The challenges from Framery Oy and TT-Gaskets Oy can be found on the [event web page](#). The Demo Day event will be organized on **February 8, 2022** at 9:00-16:00, so if you are interested in participating with your own solution proposal, there is still time for it.

Please do not hesitate to contact us as soon as possible!

Mr. **Risto Lehtinen** (e-mail: risto.lehtinen@dimecc.com, tel. +358 50 555 3900)

Ms. **Doris Pryjma** (e-mail: doris.pryjma@dimecc.com, tel. +358 40 840 6700)

Pirkanmaa KV-Liiga – your partner in internationalization

Is your team ready for 2022? Are you perhaps thinking of reinforcements, finding new employees or identifying new markets? Is your company located in Pirkanmaa? Join the **International League** and let us help you!

The **Pirkanmaa TE Office** offers free tailored support and advice for your company concerning the first international hire in co-operation with International House Tampere and International Fox Agency. This advisory service will prepare your company for the first international recruitment and answer all your questions about hiring international employees. The service includes six (6) hours of tailored support and advice from experts in international recruitment, access to a new international recruitment tool HRocketRelo, and a tailored action plan. The theme of the consultation depends on your company's needs. This service is all about bringing you new ideas and opportunities to succeed. For instance, we can discuss your company's growth potential and talent needs, how to find employees in Finland or abroad, and how to support your new international employees.

All companies interested in or already planning international recruitment, and currently employing under 50 people in the Pirkanmaa region, are welcome to join the pilot. The participating SMEs can use the service for three (3) months until the end of March 2022. Please note that this advisory service does not include actual recruitment, and companies looking to fill a specific role can be guided to other existing services.

Register today by filling in [the form](#)



DIMECC Oy
Åkerlundinkatu 8, 33100 Tampere

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