

**FINNISH  
INDUSTRIAL  
INTERNET  
FORUM**

FIIF Newsletter 1/2018

**DIMECC**

## Tervetuloa uudistuvan FIIF:n pariin!

FIIF:n (Finnish Industrial Internet Forum) vetovastuu siirtyi 1.4.2018 VTT:ltä DIMECC Oy:lle. Teknoliateollisuus r.y.:n johtamana FIIF:n toiminta saatiin käynnistettyä vuonna 2014 ja sen jälkeen nopeasti vakiinnutettua nykyiselle tasolle – siitä suuri kiitos operatiivisessa vastuussa olleille organisaatioille ja henkilöille. Nyt FIIF:n on aika uudistua ja siirtyä seuraavaan vaiheeseen. Vahvasti verkottuneena toimijana DIMECC Oy haluaa ja voi uudistaa FIIF:n toimintaa monin eri tavoin.

FIIF:n toimintaympäristö on muuttunut voimakkaasti näinä neljänä vuotena. Vuonna 2014 teollinen internet oli vielä Gartnerin hype-käyrän nousevalla osalla, mutta nyt siitä on olemassa toteutuksia ja jopa käytännön kokemuksia jo monella toimijalla. Viime aikoina on lisäksi syntynyt uusia teknologisia mahdollisuuksia, joihin yritysten tulee pikaisesti tarttua. Tällaisia ovat esimerkiksi erilaiset virtuaalitodellisuuden sovellukset ja tekoäly.

DIMECC Oy:ssä on toimialamme teknologiakehityksen uusin tieto ja suuri yritysvetoinen TKI-hankekanta, joiden avulla FIIF voi nostaa esille yrityksille haastavimmat uudet näkökulmat ja impulssit. Esitelmistä, puheista ja kokemusten jakamisesta siirrytään enemmän konkreettisiin tekoihin, pilotteihin, demoihin sekä digimuutosten tulosten ja vaikuttavuuden korostamiseen. FIIF-tilaisuuksissa ryhdytään painottamaan yhdessä tekemistä ja muutoksen aikaansaamista. Yritykset saavat jatkossa FIIF-toiminnasta kotiin vietäväksi ideoiden lisäksi konkreettisia työkaluja.

Haluamme vielä kerran toivottaa kaikki FIIFin nykyiset jäsenet ja sellaiseksi jatkossa haluavat seuraamaan uudistuvan FIIF:n toimintaa sekä luomaan uusia käytäntöjä yhdessä muiden kanssa!

**Harri Kulmala**

Toimitusjohtaja  
DIMECC Oy

**Risto Lehtinen**

FIIF Manager  
DIMECC Oy

## Results from FIIF member survey

As part of the planning work for renewal of the FIIF concept, DIMECC interviewed former and current FIIF stakeholders. In February, DIMECC organized an online survey to collect feedback and suggestions directly from FIIF members. The survey was sent to all FIIF contact persons, of which 69 participated in the survey. Detailed results are presented on the new [FIIF web pages](#), and here are some highlights and key findings.

Main reasons for joining FIIF: “Insights about new trends and technologies” and “Contacts with potential customers” are the two top reasons, followed by “Networking with peers” and “Insights about new business models”.

The next Hot Topics: “New business models” tops this list, as it is chosen by 57 % of the respondents. “Artificial Intelligence” is second, followed by “Data analytics” – which is closely related with AI. The next three topics – “Software platforms”, “AR/VR” and “Blockchain” – get support from about 30 % of the respondents.

In addition to the pre-selected proposals the respondents also had the opportunity to suggest own topics. These other proposals included “Digitalization of maintenance”, “Cognitive Factory”, “Supply Chain IoT”, “Additive manufacturing” as well as “Bringing in the human perspective”.

FIIF's services: FIIF members really like **FIIF events!** They are the main channel for sharing the latest information and experiences between the participating companies. In addition to providing a forum for high-quality presentations and discussions, FIIF events also serve as an important platform for **contacts and networking** – both between peers as well as between potential partners and customers.

FIIF 2.0: In order to make the events even better, we will link them with **other communities, events and activities**, like startups, hackathons and DIMECC's Demobooster. We will make FIIF **more international** through closer co-operation with, for example, IIC (USA) and Industrie 4.0 (Germany). This means that in future more FIIF events and materials will be **in English**. Besides becoming more international FIIF will be also **more regional and local**, as we plan to organize FIIF events also outside the capital region – and perhaps even over the web to make participation easier.

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## IIC (Industrial Internet Consortium) members' meeting



IIC (Industrial Internet Consortium) is coming to Helsinki during 21.-24.5.2018 for its quarterly face-to-face member meeting (<http://www.iiconsortium.org/member-meetings.htm>). If your organization is an IIC member, you can register to the meeting on the IIC web pages. For those FIIF members who are not members of IIC, there are two opportunities to get a peek into IIC's ways of working:

### Presentations to IIC's Innovation TG

<b>When</b>	Wednesday, May 23, 2018, from 14:00 to 15:00
<b>Where</b>	<a href="#">Radisson Blu Seaside Hotel</a> (Ruoholahdenranta 3, 00180 Helsinki)
<b>Cost</b>	<b>Free.</b> Note! Non-IIC members need to sign an NDA with IIC.
<b>Contact</b>	FIIF Manager <b>by May 14, 2018</b>

In this meeting IIC is offering an exclusive opportunity to some FIIF members to present their solutions at IIC's **Innovation Task Group's** session on Wednesday, May 23. There will be room only for 1-2 presentations, each about 20 minutes, including Q&A, and the presentations need to be focused strictly on the solution (one slide for introducing the company is allowed). Non-IIC-members need to sign a simple non-disclosure agreement with IIC. If your company would like to use this opportunity, please contact FIIF Manager **latest by May 14, 2018**.

**Note!** This is a first-come-first-served opportunity, so act quickly to reserve your slot!

### Public Energy Event

<b>When</b>	Friday, May 25, 2018, from 9:00 to 15:00
<b>Where</b>	<a href="#">Nokia Campus and Executive Experience Centre (EEC)</a> , Karakaari 18, Espoo, Finland.
<b>Cost</b>	<b>Free.</b> Open for all, but pre-registration is required.
<b>Contact</b>	<a href="https://www.iiconsortium.org/finland-energy-forum.htm">https://www.iiconsortium.org/finland-energy-forum.htm</a>

IIC will also arrange a **public Energy Event** on Friday, May 25, 2018. This event will highlight IIC's and its members' activities in the energy sector, focusing on the following themes: Energy & Utilities, Energy Efficiency, Smart Mobility, and Smart Cities.

Program includes panel discussions and keynote presentations by:

- ABB: Simo Säynevirta (VP, Country Digital Lead): "Role of digitalization in the Energy and Industrial Revolutions"
- Nokia: Ankur Bhan (Global Head of Worldwide IoT Network Grid, WING)
- SSAB: Niko Korte (Senior Manager, Digital Business Development)

## Bavarian-Finnish B2B Forum – Future Mobility and Digital Economy



Deutsch-Finnische Handelskammer  
Saksalais-Suomalainen Kauppakamari  
Tysk-Finska Handelskammaren

<b>When</b>	Wednesday, May 23, 2018, from 8:30 to 12:00 (Helsinki) Thursday, May 24, 2018, from 14:30 to 18:00 (Oulu)
<b>Where</b>	Helsinki: <a href="#">restaurant Sipuli</a> (Kanavaranta 7, 00160 Helsinki) Oulu: <a href="#">Lapland Hotels</a> (Kirkkokatu 3, 90100 Oulu)
<b>Cost</b>	<b>Free</b> , but registration is required <b>by May 16, 2018</b> . Please see registration links below.
<b>Contact</b>	<b>Glenn Gassen</b> , Head of Global Networks & Innovation, German-Finnish Chamber of Commerce (tel. +358 50 5727608, e-mail <a href="mailto:glenn.gassen@dfhk.fi">glenn.gassen@dfhk.fi</a> )

In cooperation with the Bavarian Ministry of Economic Affairs, Energy and Technology and Bayern International, the German-Finnish Chamber of Commerce invites you to the **Bavarian-Finnish B2B Forum**. The event will take place in Helsinki and Oulu where you will have the opportunity to meet Bavarian company leaders and establish first contacts with them.

These events are part of the Bavarian delegation visit to Finland during May 22-25, led by minister (ret.) and chairman of the economic affairs committee of the Bavarian State Parliament, Mr. Erwin Huber. Profiles of the participating Bavarian companies and delegation members can be found [here](#).

The event is aimed at Finnish companies from the **digital economy, automotive and mobility industries**. Please register for the event in Helsinki or Oulu and indicate the companies you would like to meet with. We try to accommodate your wishes as best as we can.

- Registration for [Helsinki, May 23, 2018](#) (link to [event page](#), in Finnish)
- Registration for [Oulu, May 24, 2018](#) (link to [event page](#), in Finnish)

## FIIF event at Advanced Engineering Exhibition

# ADVANCED ENGINEERING2018

<b>When</b>	Tuesday & Wednesday, May 29-30, 2018
<b>Where</b>	Expo and Convention Center (Messukeskus), Helsinki, Finland ( <a href="https://messukeskus.com/messukeskus/how-to-find-us/?lang=en">https://messukeskus.com/messukeskus/how-to-find-us/?lang=en</a> )
<b>Cost</b>	<b>Free.</b> Please <a href="#">register online</a> to get your personal admission voucher and barcode
<b>Contact</b>	Event is organized by Easyfairs Oy ( <a href="mailto:finland@easyfairs.com">finland@easyfairs.com</a> ) Note! The presentations will be in Finnish.

Advanced Engineering is a professional trade show that follows a global concept that has gathered industrial technology leaders and professionals together in UK, Belgium, Sweden, Norway, and now for the second time in Helsinki, Finland as well.

At the event you will find everything you need in the creation and production of innovative, future-proof products: product design, engineering process, connectivity solutions, prototyping, as well as selection of materials and components. In 2018, the main themes are advanced materials & composites, designing and planning tools, measuring & testing tools, robotics, automation, electronics and 3D production.

On the first day (**Tuesday, May 29, at 9:30 ... 12:30**) FIIF will organize an event at Thomas Edison Stage with a title "**From Games to Industry – How to Utilize Augmented and Virtual Reality in Manufacturing and Engineering Industry**". Please join us to hear interesting presentations from innovative companies like 3DStudio, Leonidas, PDSVision, Stereoscape, and Sweco.

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# Finnish-German Industry Day on Autonomous Systems

The Technology-Network:  
Intelligent Technical Systems OstWestfalenLippe, Germany

**it's owl**

**DIMECC**

<b>When</b>	Thursday, June 14, 2018 Friday, June 15, 2018 (optional visit to <a href="#">Claas Greenhouse</a> )
<b>Where</b>	Paderborn, Germany
<b>Cost</b>	<b>Free.</b> Registration is required <b>by May 15, 2018.</b> Participants pay their own travel costs.
<b>Contact</b>	Germany: Mr. Moritz Steinhardt ( <a href="mailto:m.steinhardt@its-owl.de">m.steinhardt@its-owl.de</a> ) Finland: Mr. Jukka Merenluoto ( <a href="mailto:jukka.merenluoto@dimecc.com">jukka.merenluoto@dimecc.com</a> )

**it's OWL** (Intelligente Technische Systeme Ost Westfalen-Lippe from Germany) and **DIMECC** are organizing an [Industry Day for Autonomous Systems](#). The theme is topical as increasing demands for productivity, safety and quality are setting requirements for operators driving the market potential for autonomous systems. Autonomous systems will impact industry applications and related processes. They also have a lasting effect on the society in which they are used.

## What's in it for you?

This event brings together it's OWL, DIMECC and respective partners to discuss relevant topics on autonomous systems, such as human-machine interaction, communication, safety and cyber security, and advanced machine features (e.g. context awareness, positioning, AR/VR). The aim of the event is to **develop concrete cooperation models**. The event addresses challenges, cases and future opportunities presented by established companies and new innovative solutions and case examples presented by start-ups and scale-ups.

The event will:

- increase the understanding of the theme in involved companies
- showcase competence and offering by presenting solution/case examples
- help find new partners among the participants
- identify collaboration possibilities and development needs

The event is part of the recently initiated internationalization project '**European Alliance for the Securing of the Top Position in Intelligent Technical Systems**', jointly funded by **Federal Ministry of Education and Research** in Germany and **The Confederation of Finnish Industry and Employers (TT) Foundation** in Finland. The project aims at sustainable cooperation models comprising cross-border research projects, technology transfer from research to SMEs, and exchange programs for academics.

For practical reasons, **registrations are needed by May 15, 2018.**

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## Subcontracting Trade Fair 2018 (Alihankintamessut 2018)



<b>When</b>	September 25-27, 2018
<b>Where</b>	Tampere Exhibition and Sports Centre, Tampere, Finland
<b>Cost</b>	<b>Free</b> for visitors.
<b>Contact</b>	Event info for visitors: <a href="https://www.alihankinta.fi/en/about/">https://www.alihankinta.fi/en/about/</a>

Subcontracting Trade Fair is Finland's leading industry trade fair, where the common denominator for all participants is the desire to achieve more in a better, more effective and productive manner. This event brings together every year approximately 20.000 industrial professionals, experts and decision-makers. This year's theme is **productivity**, i.e. the sum of business practices, skills and technology.

FIIF will organize an info event at the Fair on **September 27, 2018 at 9:30 – 11:30**.

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### FIIF Quick News

**FIIF's official language will be English.** Most of the materials – like FIIF's web pages – have already been in English, but in future the default language for presentations and the FIIF Newsletter will also be English. This aligns well with the reality in the Finnish technology industries and in the startup scene, and makes international co-operation easier.

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### FIIF's new pages

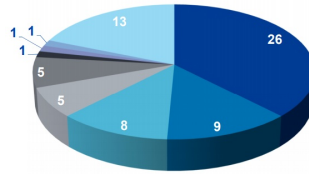
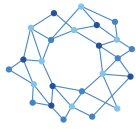
Please go and check **FIIF's new pages**. Web address is the same, but the look and feel are totally new.

These pages will be updated regularly, and we are planning to introduce new features in the coming weeks and months, like:

- FIIF members only area for presentation and background materials
- channel for publishing FIIF members own materials



[Lue lisää](#)



## New logo!

One concrete sign of the change is **FIIF's new logo**, which is visible in this Newsletter. In case you want to use it in your presentations or on your web page, please download a high-resolution image directly from [FIIF's web pages](#).

[Read more](#)

## Member survey results published

**FIIF member survey** was done in February, and its results were presented to FIIF's Steering Group in March. Key findings are summarized in this Newsletter, but you can find more detailed material about the results on [FIIF's web pages](#).

[Read more](#)

## Invoicing

**Invoices for 2018 service fee** will be sent to you in May. Fees have not been changed for 2018, but we plan to introduce new fee categories in 2019.



## Greetings,

**Risto Lehtinen**  
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## Summary of upcoming events

Name	Date	Location
<b>Bavarian-Finnish B2B Forum – Future Mobility and Digital Economy</b>	May 23	Helsinki
<b>Bavarian-Finnish B2B Forum – Future Mobility and Digital Economy</b>	May 24	Oulu
<b>IIC - Presentations to IIC's Innovation TG</b>	May 23	Helsinki
<b>IIC - Public Energy Event</b>	May 25	Espoo
<b>FIIF event at Advanced Engineering Exhibition</b>	May 29-30	Helsinki
<b>Finnish-German Industry Day on Autonomous Systems</b>	June 14	Paderborn, Germany
<b>FIIF info event at Subcontracting Trade Fair 2018 (Alihankintamessut 2018)</b>	September 27	Tampere



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