



# Welcome

September 20th, 2023





# Legal Notes

# This webinar will be recorded

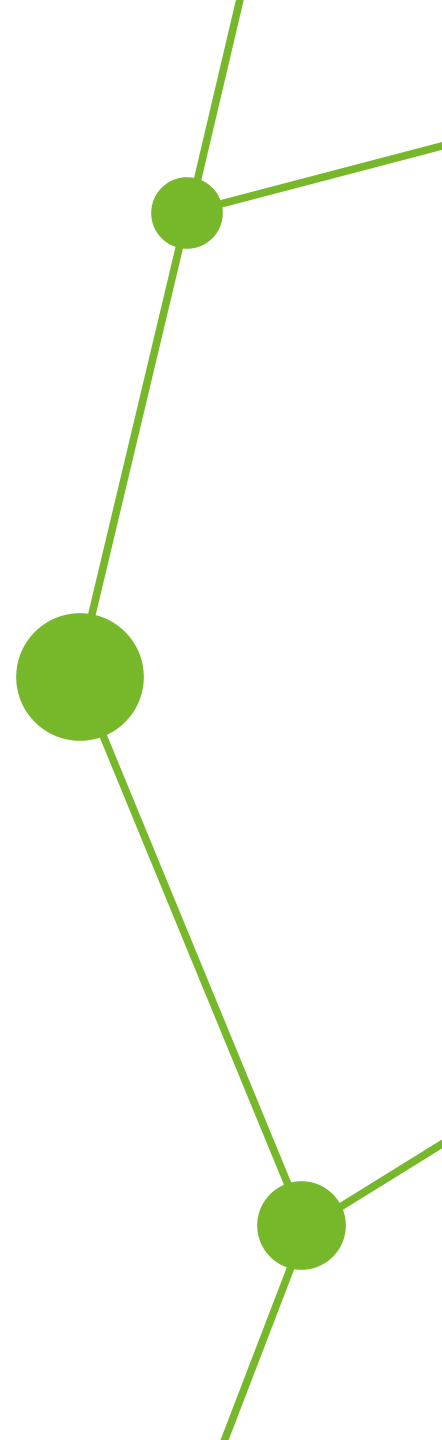
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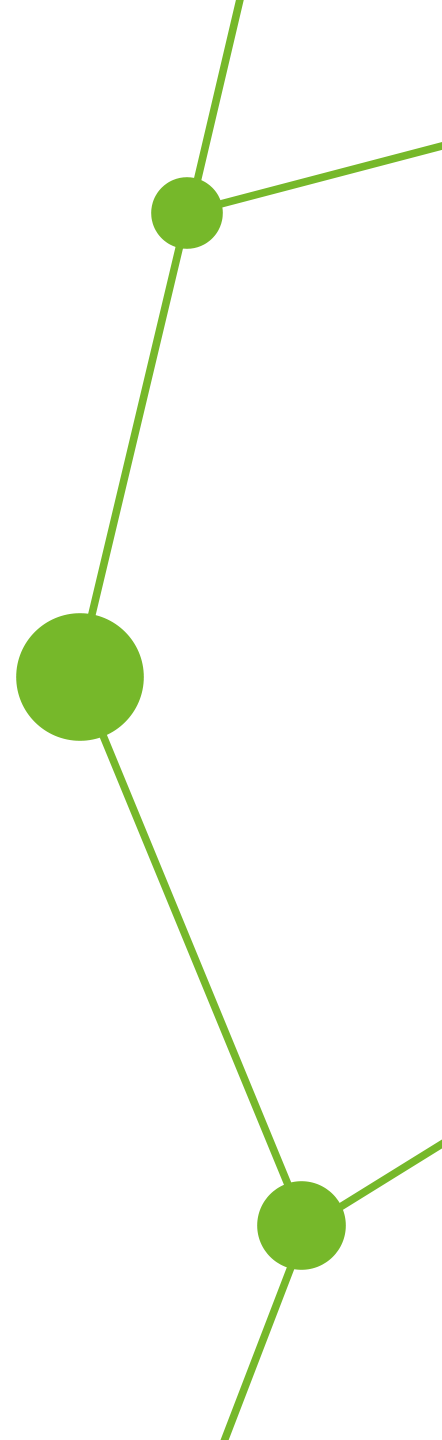
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# Overview of today's session

# Agenda

1. Welcome
2. State of the Union
3. New Members
4. Community Activities & Events
5. Partners
6. Projects and beyond
7. Work Group Updates: *LIVE from the OOC-Hackathon*





## State of the Union

**Dr. Christian Liedtke**

Chairman of the Board

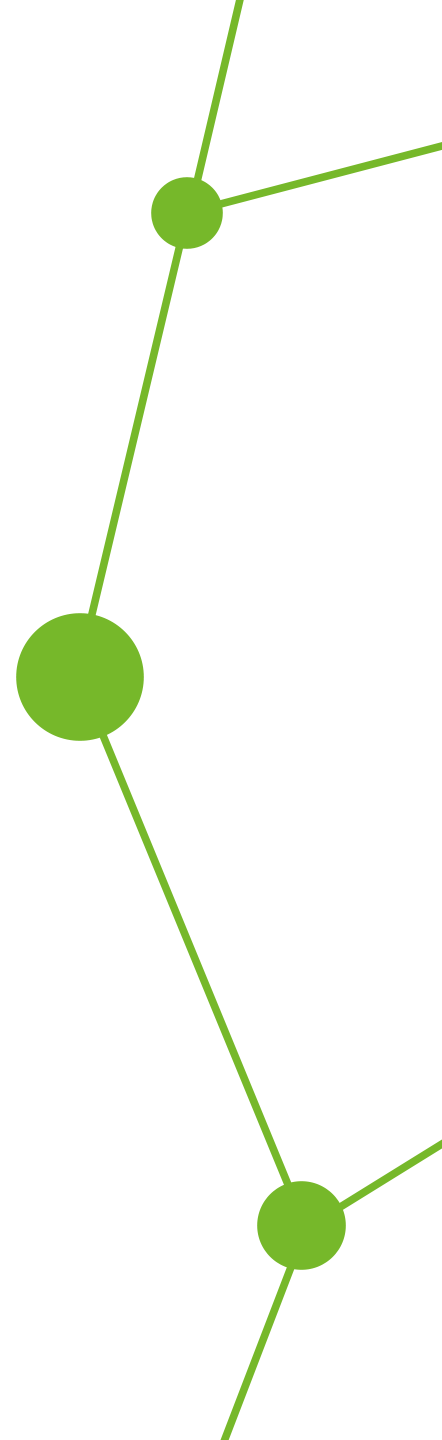


as of September 13th 2023

NEW MEMBER – WELCOME

# d-fine

1. Can you describe your company in one or two sentences?
2. Who are your customers?
3. What are your key products/services?
4. What was the best Industry 4.0 project you have been involved in?

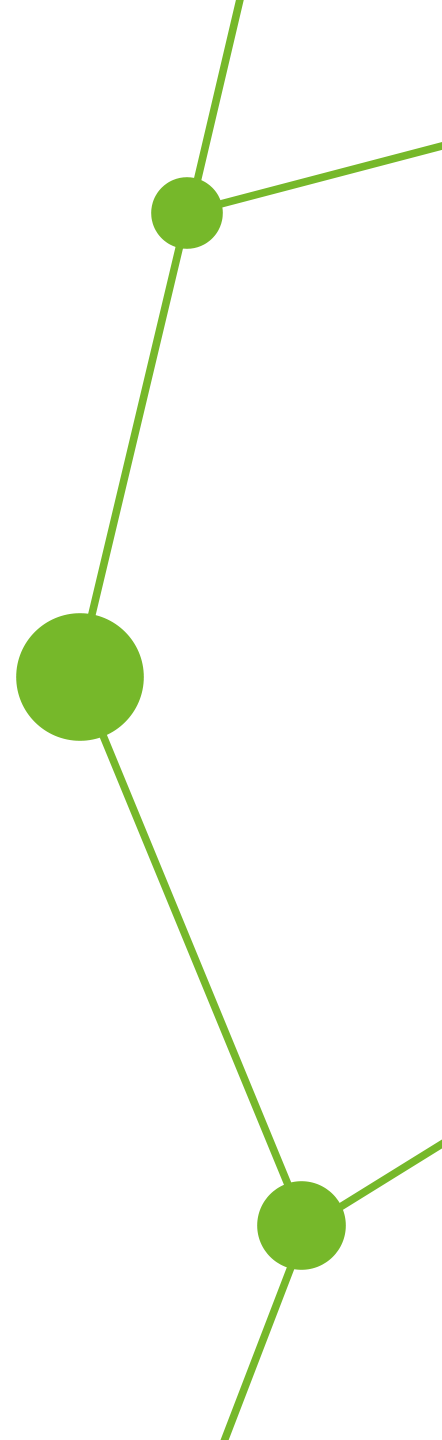




NEW MEMBER – WELCOME

# TOSIBOX

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**Anna Principato**

**Community Activities & Events**

# Upcoming Events 2023







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[ABOUT US](#) [JOIN US](#) [OPERATIONS EXECUTIVES](#) [SUCCESS STORIES](#) [NEWS AND PRESS](#) [OI4 EVENTS](#) [🔍](#)

## UPCOMING EVENTS

Discover now what exciting events around digital transformation are waiting for you! As an implementation alliance, we are regularly represented at relevant trade fairs to showcase OI4 products and systems and, in particular, to network.

 <p><b>OI4 MEMBERS ONLY: All Members Meeting</b></p> <p><b>21st September 2023</b></p> <p>St. Leon-Rot (onsite)</p> <p>This meeting is exclusively for OI4 members.</p> <p><a href="#">MORE INFORMATION</a></p>	 <p><b>Hi Tech &amp; Industry Scandinavia</b></p> <p><b>3-5th October 2023</b></p> <p>Herning, Denmark</p> <p>The OI4 Alliance will be there with own booth in <b>Hall E Stand E4208</b>.</p> <p>Visit us there!</p> <p><a href="#">MORE INFORMATION</a></p>	 <p><b>Meet The Alliance</b></p> <p><b>11th October 2023</b></p> <p>Online</p> <p>Learn more about the OI4 Alliance, how we work, and what are the projects we implement!</p> <p><a href="#">REGISTER NOW</a></p>	 <p><b>SPS Nuremberg 2023</b></p> <p><b>14-16th November 2023</b></p> <p>Nuremberg, Germany</p> <p>SPS - Smart Production Solutions: Bringing Automation to Life</p> <p>Visit our booth at the fair in <b>Hall 5, Booth 160!</b></p> <p><a href="#">MORE INFORMATION</a></p>
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<https://openindustry4.com/events/>

# All Members Meeting - onsite

September 21st, 2023

**When:** **TOMORROW** September 21st, 9:00 a.m. – 4:30 p.m.

**Where:** SAP SE, SAP-Allee 29, 68789 St. Leon-Rot

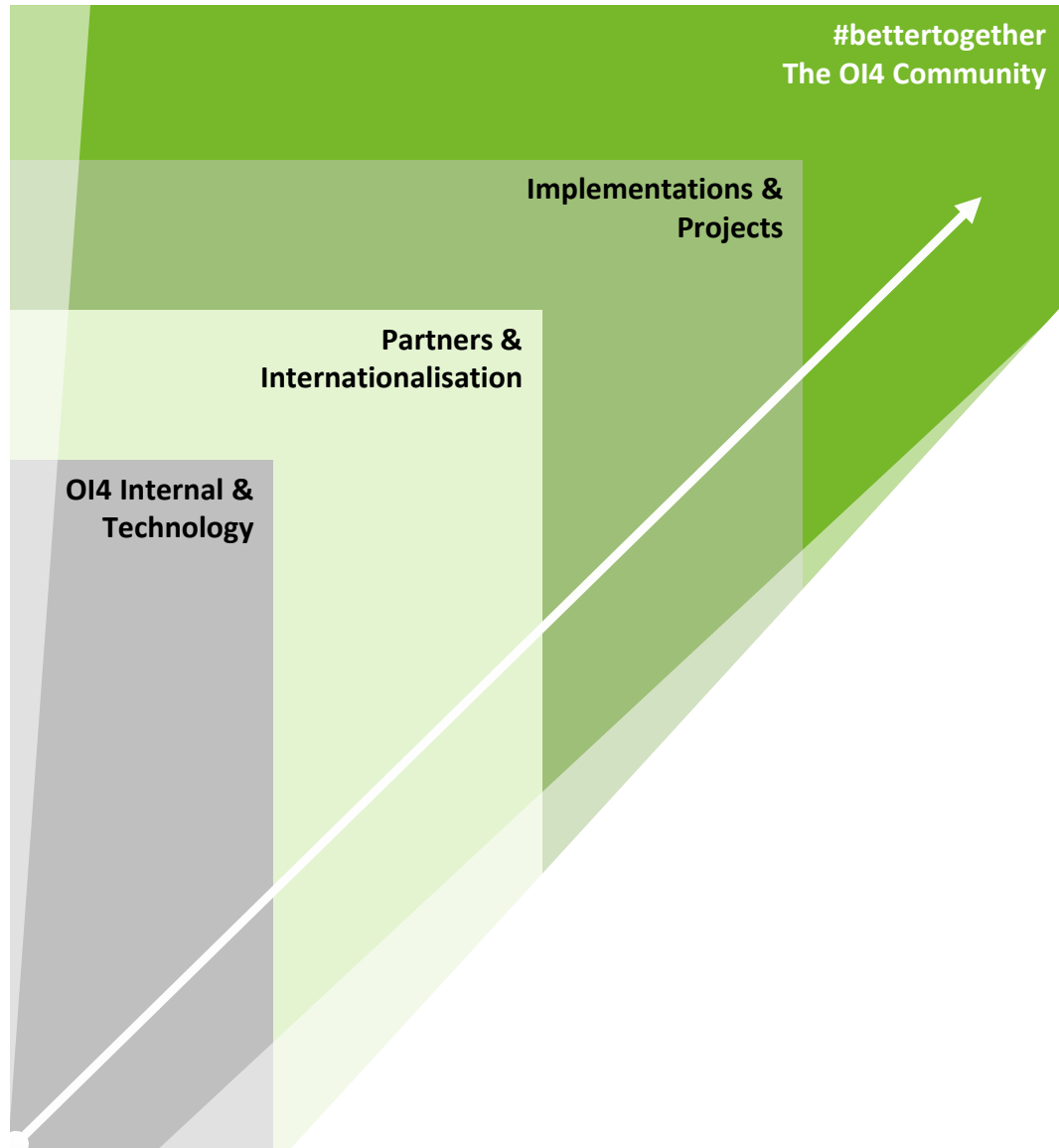
## What to expect:

- Networking opportunities
- Work Group updates
- Strategic Projects and Activities
- SPS Roadmap
- Factory-X
- AAS, DPP, ICS,...



<https://openindustry4.com/events/all-members-meeting/>

# 21<sup>st</sup> September 2023 - All Members Meeting in a Nutshell

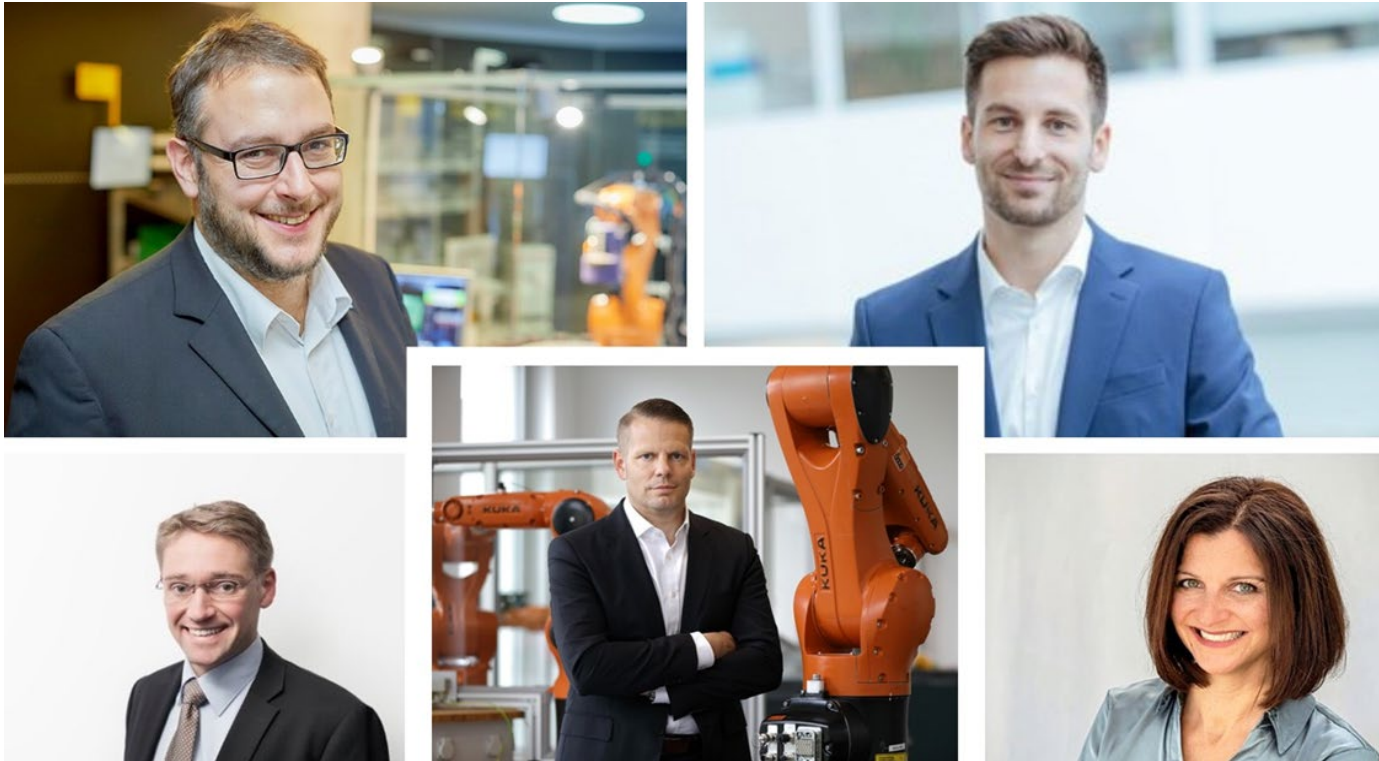


		8:45 - Registration & Morning Coffee
9:30	<b>Welcome!</b>	<b>Dr. Christian Liedtke</b> (KUKA) <b>Georg Kube</b> (SAP)
9:45	OI4 Value Propositions	<b>Georg Kube</b> (SAP) <b>Christoph Hock</b> (OI4)
10:00	Inside the OI4 Alliance: The Way We Work	<b>Dirk Engelbrecht</b> (Andugo.io) <b>Lucas Wolf</b> (OI4)
10:30	<b>Coffee Break</b> ☕	
10:45	Insights from the Work Groups	<b>Konrad Heidrich</b> (Hilscher) <b>Rüdiger Fritz</b> (SAP) <b>Michael Riester</b> (Endress + Hauser) <b>Samuel Greising</b> (Flecs) <b>Vitaliy Volevach</b> (IFM) & <b>Martin Flör</b> (Weidmüller) <b>Jens Achenbach</b> (M&M)
11.45	Partnering Associations	<b>Christian Mosch</b> (IDTA) & <b>Michael Riester</b> (E+H), <b>Dominik Rohrmus</b> (LNI)
12:15	<b>Networking &amp; Lunch Break</b> ☕	
13:30	OI4 Projects - Energy Monitoring—reducing carbon footprint - Digital Product Passport - Multivendor AAS	<b>Simon Stark</b> (Multivac) <b>Rüdiger Fritz</b> (SAP) <b>Ricardo Dunkel</b> (OI4)
14:15	OI4 Alliance - End Customer's view: Approaching Industry 4.0 at Gerolsteiner	<b>Eileen Zobus</b> (Gerolsteiner)
14:45	Upcoming Events & Implementation Award Digital Twin Challenge	<b>Ekaterina Dyubanova</b> (OI4) <b>Britta Waligora</b> (Complement)
15:15	<b>Coffee Break</b> ☕	
15:40	Factory-X, Manufacturing-X	<b>Christian Methe</b> (DMG Mori) & <b>Georg Kube</b> (SAP), <b>Ekrem Yigitdöl</b> (OI4)
16:15	Surprise topic	
16:25	<b>Closing</b>	

# International activities – supported by our members

Hi Tech & Industry Scandinavia  
3 - 5 October 2023

Meet the Open Industry 4.0 Alliance in Hall E - E4208



**O14** Danish-German  
**Oktoberfest** on **October 4th**  
starting from **2 p.m.**





**Any Questions?  
Thank you!**

For more Information:

[www.openindustry4.com](http://www.openindustry4.com)



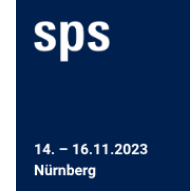
**Ekaterina Dyubanova**

**SPS & Partner Events**



# SPS Nuremberg – Save The Date | Topics | Tickets

November 14-16th

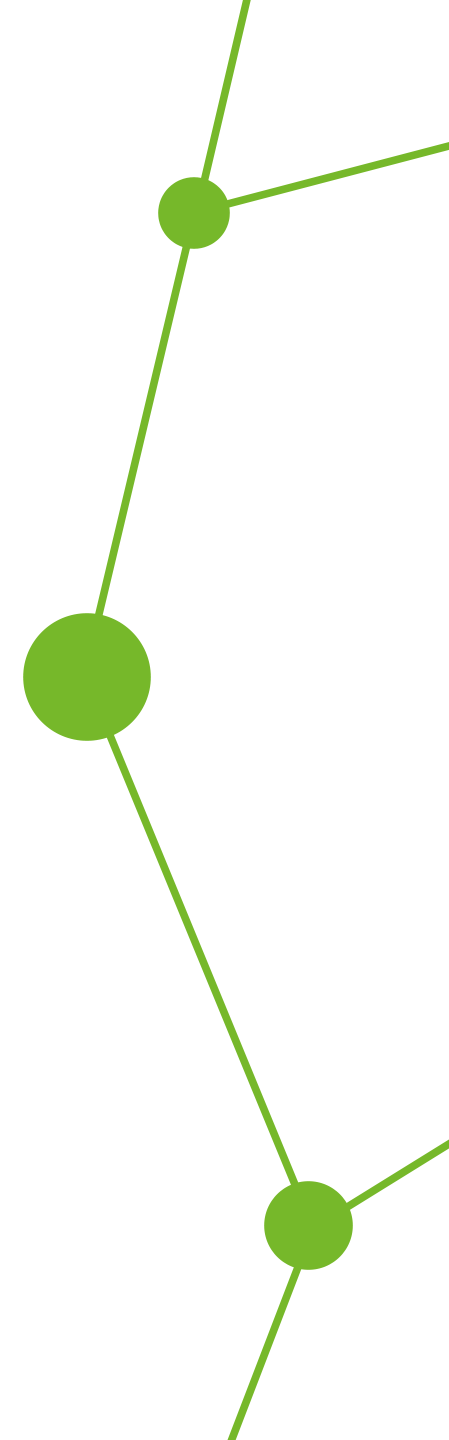


Hall 5, Booth 160

## Overall topic: Multivendor & Interoperability

- Component Supplier goes AAS - Consortium Project
- Application Management: *Multivendor* Sandbox Environment (App's, Store's ...)
- AAS *Multivendor* approach: Interoperability is the key!
- Digital Product Passport
- ...further topics are in clarification! U got some? Bring it on!

Free Tickets: <https://openindustry4.com/events/sps2023/>



# SPS Nuremberg – **O14 Stage Talk**

Date, time & stage are in clarification with the fair!



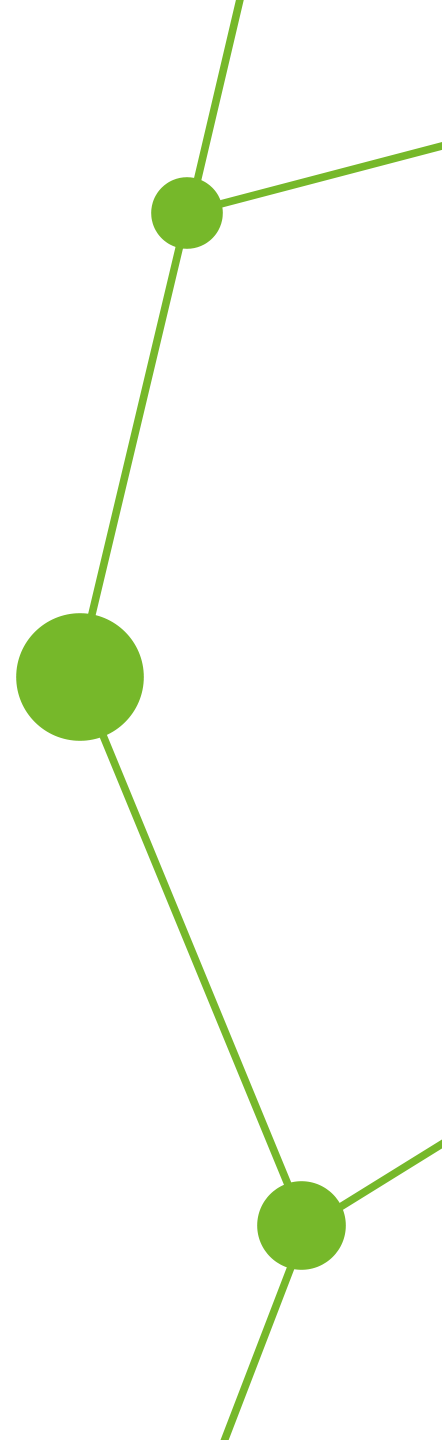
## **„Was der Digitale Zwilling auf Basis der AAS für mittelständische Komponentenhersteller bedeuten kann - Ein Beispiel aus der Praxis“**

### **Speakers:**

Christian Günther, complement

Markus Weishaar, Dunkermotoren

**More info will come soon!**



# SPS Nuremberg – **OI4 Lounge**

## Save The Date



**When:** November 15th, starting from 4:30 p.m.

**Where:** OI4 Booth | Hall 5 Stand 160

**What to expect:**

- Networking opportunities
- Cozy ambience
- Fun
- ...and more!

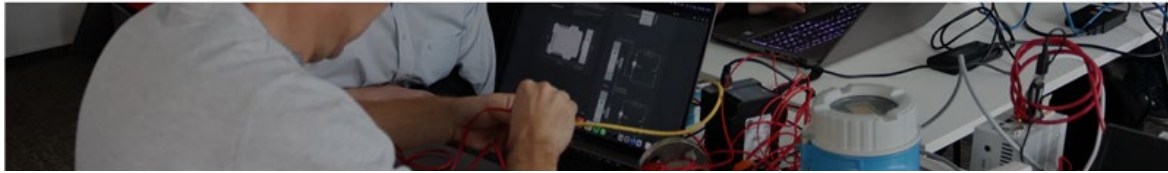
**More information will follow.**

You will also receive a **special communications package** for this - it is important that you invite everyone interested in the OI4 Alliance to this event, including potential members, partners and end customers!



# Partner Activities

## Joint Hackathon: IDTA & OI4 Alliance

The logo for IDTA, consisting of the letters 'IDTA' in a bold, blue, sans-serif font.

## Joint Hackathon: IDTA & OI4 Alliance

Experience the collaborative spirit of the IDTA and OI4 Alliance partnership through a **joint hackathon** focused on the **"Practical Application of the AAS (Asset Administration Shell)"**.

**Location:** Frankfurt (exact location details will be provided later; hotel recommendations you will get after your registration).

**Date:** October 11-12th, 2023

**Day 1:**

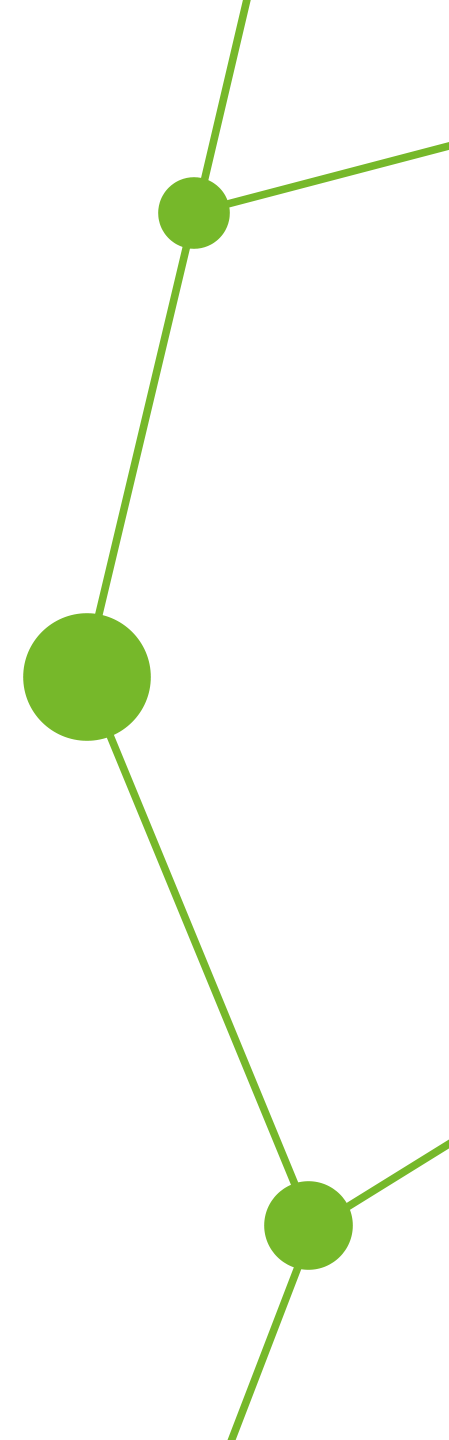
10:30 AM - 5:00 PM: Hackathon

6:00 PM: Get Together

**Day 2:**

9:30 AM - 3:00 PM: Hackathon

**Register:** <https://forms.office.com/Pages/ResponsePage.aspx?id=a6t3KiLfrU-FdNu4pGiAWaf9ohWnaoxJvCR5ETJerGpURjJDVU0zWTZQUjBTQIdLOTJDOFFXM0E1NC4u>





**Any Questions?  
Thank you!**

For more Information:

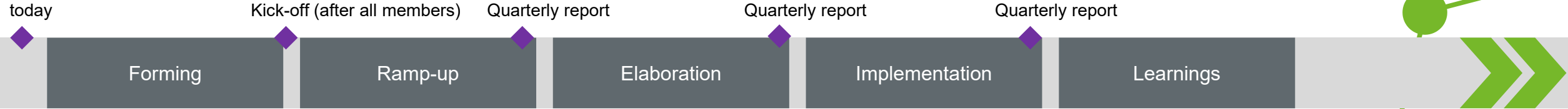
[www.openindustry4.com](http://www.openindustry4.com)



**Christoph Hock**

- **DPP Project**
- **Energy Monitoring Project**
- **Early Adoption Project Call**

# Project work packages (Time Estimation 14-18month)



- Setting up a dedicated O14 "DPP" project team. Find who is interested.
- Define a project setup
- Find required roles to represent different viewpoints (e.g., Operator, Supplier, Integrator)
- Commitment for timeline & individual invest / capacity

**General efforts assumption:**

2h call every two weeks (per person)

+

Individual elaboration

- Share basic knowledge and find common understanding
- Ideation how to deal with the challenge and gain benefit
- Company-individual scoping of elaboration: What does DPP mean for your company (According to roles)
- Assessment of current data availability to discover gaps » Where to find data; where is it created and maintained in the context of your today's business process

Documentation O14-support

- Set baseline for technical approach – elaborate technical architecture (AAS...)
- Define detailed work packages for Implementation
- Assumption on system landscape » sandbox possible/ useful (?)
- Elaborate (iterative)

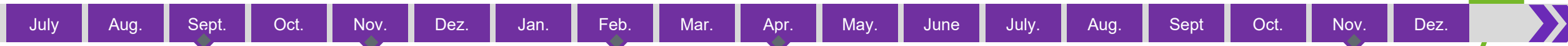
Documentation O14-support

- Combine individual results
- Measure efforts
- Validate & Test
- Go public; present to audience, acquire feedback
- Implementation review by broader audience

Documentation O14-support

- Create implementation checklist
- Conduct a lessons learned
- Review process: Where are potential wins to overcome a DPP burden and gain some wins (e.g., data cleaning, in-house architecture...)
- Publish reuse patterns

Documentation O14-support



All-Members '23

SPS '23

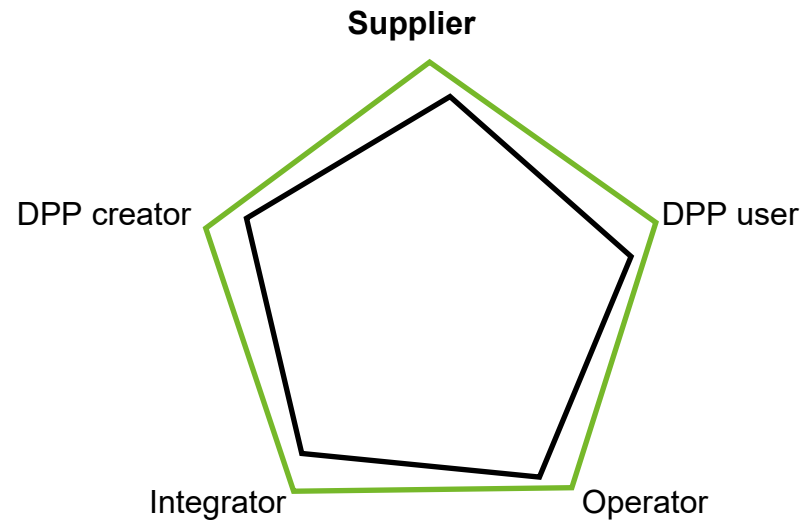
KC '24

HMI '24

SPS '24

# Apply now.

- Project kickoff: **17th of Oktober from 10-12.00am**
- To conduct the project, **we need your commitment**



## Minimum requirement to conduct the project

- 6-8 permanent contributors & 4 associates
- Ideally a double staffing of roles & min of 3 suppliers to **ensure multiple views = OI4 value add**










# Energy Monitoring Project

We aim to kick-off a dedicated project group:

Energy Monitoring/  
Product Carbon footprint

Please indicate interest towards  
O14 team to boost this valuable  
Initiative!

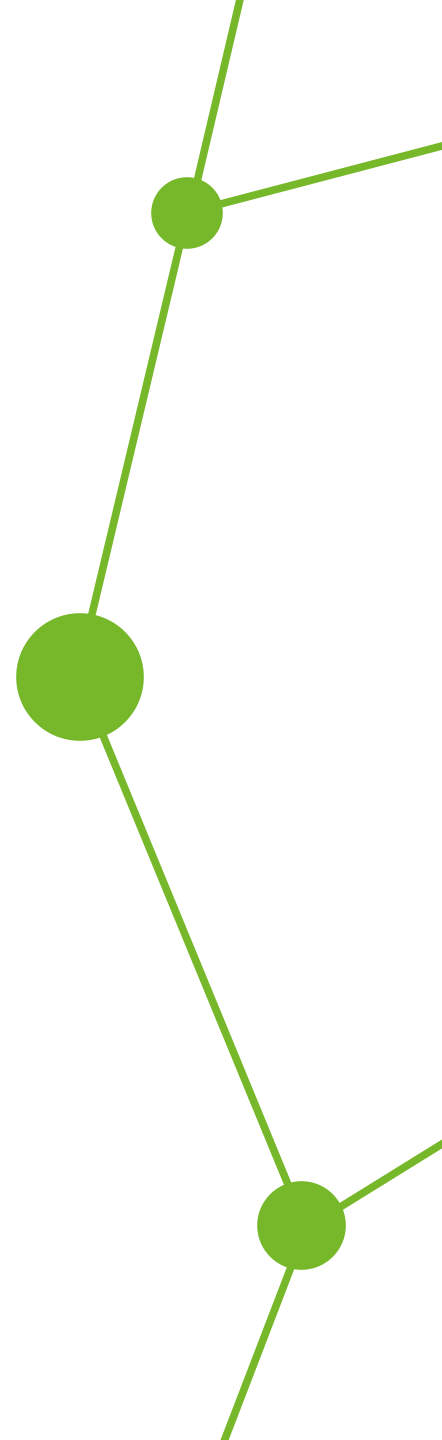
**Project work packages (Effort Estimation)** 

Forming	Ramp-up	Elaboration	Implementation	Learnings
<ul style="list-style-type: none"> <li>Setting up a dedicated O14 "DPP" project team. Find who is interested.</li> <li>Define a project setup</li> <li>Find required roles to represent different viewpoints (e.g., Operator, Supplier, Integrator)</li> <li>Commitment for timeline &amp; individual invest / capacity</li> </ul> <p><b>General efforts assumption:</b></p> <p>2h call every two weeks (per person)</p> <p>+</p> <p>Individual elaboration</p>	<ul style="list-style-type: none"> <li>Share basic knowledge and find common understanding</li> <li>Ideation how to deal with the challenge and gain benefit</li> <li>Company-individual scoping of elaboration: What does DPP mean for your company (According to roles)</li> <li>Assessment of current data availability to discover gaps → Where to find data where is it created and maintained in the context of your today's business process</li> </ul> <p>2h call (prep. by Rüdiger Fritz)</p> <p>In-person Work-shop</p> <p>Home-work (2-week period)</p> <p>Home-work (2-week period)</p>	<ul style="list-style-type: none"> <li>Set baseline for technical approach → elaborate technical architecture (AAS...)</li> <li>Define detailed work packages for Implementation</li> <li>Assumption on system landscape → sandbox possible/ useful (?)</li> <li>Elaborate (iterative)</li> </ul> <p>4h call, individually prepared</p> <p>WBS → TBD</p> <p>unknown</p> <p>2h call every two weeks</p> <p>+</p> <p>Individual elaboration</p>	<ul style="list-style-type: none"> <li>Combine individual results</li> <li>Measure efforts</li> <li>Validate &amp; Test</li> <li>Go public, present to audience, acquire feedback</li> <li>Implementation review by broader audience</li> </ul> <p>Hackathon (2 Days)</p> <p>Acc. 'general assumption'</p> <p>unknown + trade fair presence</p> <p>Acc. 'general assumption'</p>	<ul style="list-style-type: none"> <li>Create implementation checklist</li> <li>Conduct a lessons learned</li> <li>Review process: Where are potential wins to overcome a DPP burden and gain some wins (e.g., data cleaning, in-house architecture...)</li> <li>Publish reuse patterns</li> </ul> <p>Hackathon (2 Days)</p> <p>4h call, individually prepared</p> <p>4h call, individually prepared</p> <p>Acc. 'general assumption'</p>
	<p>Documentation  O14-support</p>	<p>Documentation  O14-support</p>	<p>Documentation  O14-support</p>	<p>Documentation  O14-support</p>

# Early Adoption Call (Projects)

## New Format

- Outline: Quarterly included in Monthly Member meeting
  - Offer to pick a slot
- Final concept will be discussed on WG lead workshop (19.10)

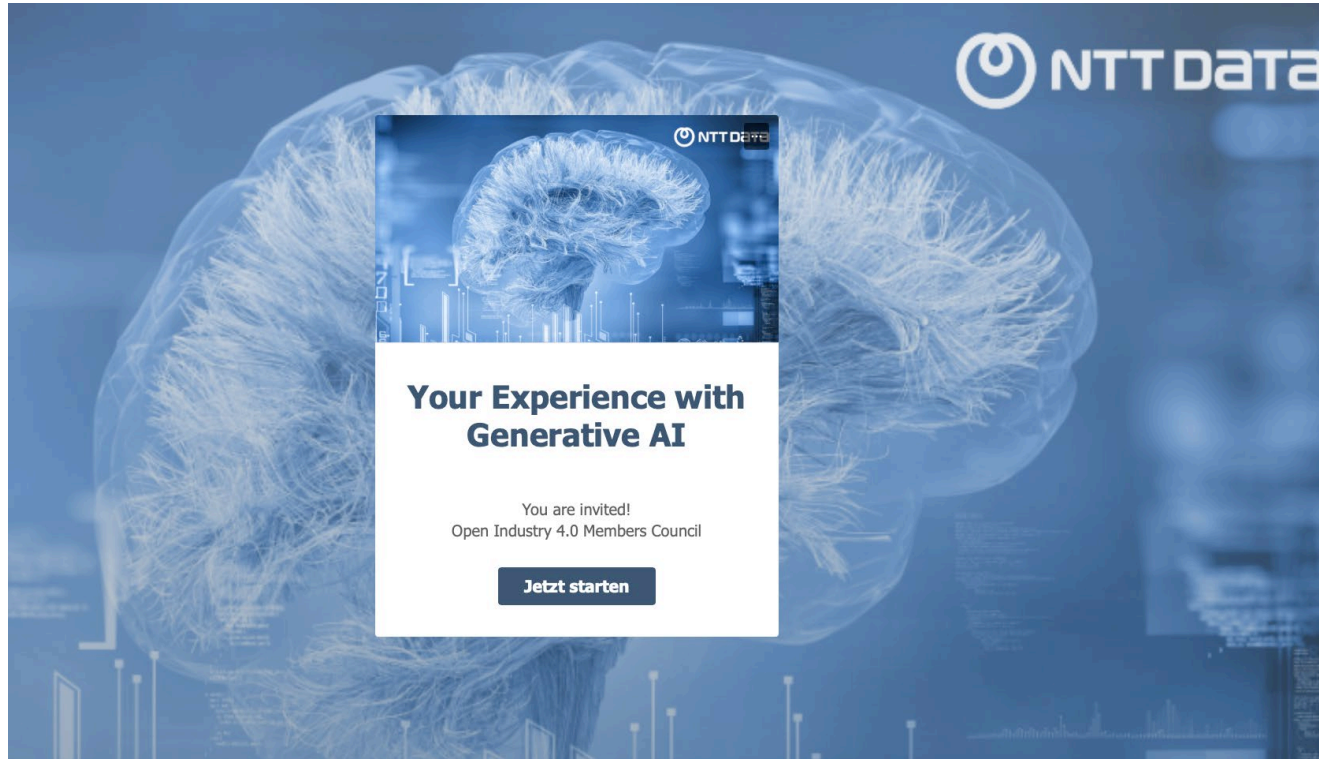




**Wolfgang Möller**

**Survey Generative AI by NTTData**

# Survey Generative AI by NTTData





Lucas Wolf

The way we work  
(tools & platforms)

# New tools and platforms



**Community Site**



**Website Relaunch**



**AAS-inside.com**



**Ricardo Dunkel**

**Work Group Updates**

# LIVE from OOC Hackathon







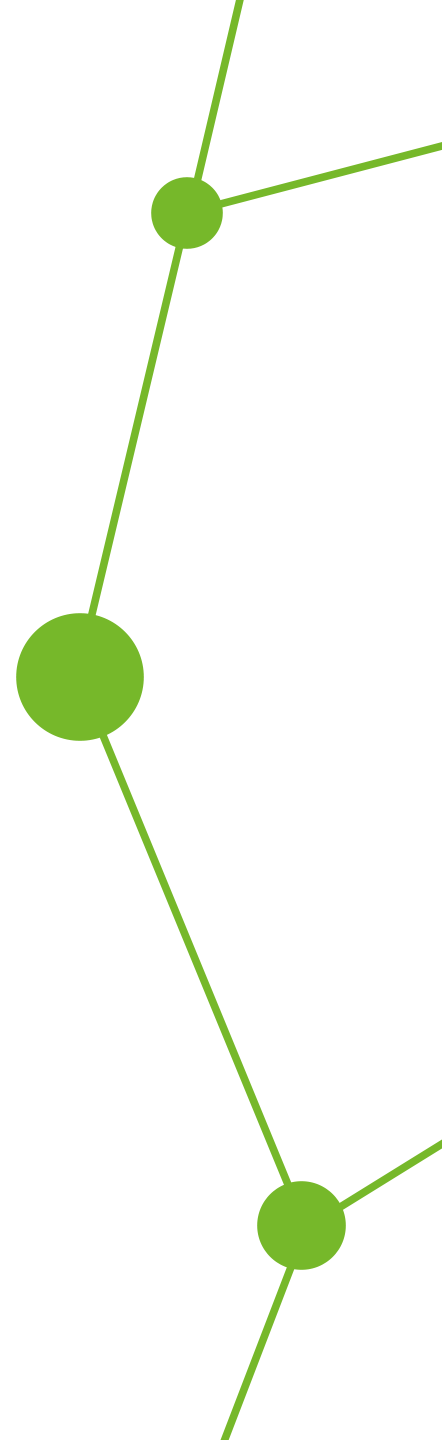
**Any Questions?  
Thank you!**

For more Information:

[www.openindustry4.com](http://www.openindustry4.com)

# Action Items for all Members

- **Contact Christoph** if you need support for ongoing projects, if you want to kickstart a new project or if you have a project idea within the Oi4 context
  - **Contact Anna** if you are planning to visit the Hi Tech & Industry Scandinavia in October
  - **Save the date** for the SPS Nuremberg
- 
- **Reshare** posts on LinkedIn for bigger reach of the Alliance!
  - **Join** “OI4 Alliance – Members Only!” [LinkedIn Group](#) to get more interesting information.
  - **Act as multipliers for the Alliance** and see whether your business partners are relevant as new members. If you need any support or recruiting material, please contact the Service Bureau.





# Members Meeting

## Thank you for your participation

September 20th, 2023



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Community & Regional Hub Manager

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TALKERS TALK **WE**  
**IMPLEMENT**



**#oi4alliance**

**openindustry4.com**

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Open Industry 4.0 Alliance

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