



Reboot IoT Factory

# Reboot IoT Factory

Final seminar 26.8.2021

Welcome!

Digitalisation of Manufacturing Industry

[rebootiotfactory.com](http://rebootiotfactory.com)

**BUSINESS  
FINLAND**



## Digitalisation of the manufacturing industry: 100+ lessons learned in Reboot IoT Factory

Seminar highlights the research and practical implementations of manufacturing industry digitalisation made in Reboot IoT Factory project. The topics include AI, digital twins and advanced robotics. More information: [www.rebootiotfactory.com](http://www.rebootiotfactory.com)

### Misc information:

Presentations are shown by the organizer

Poll links can be found in chat

Questions: after presentation or in chat

Material: see web page next week

Please be muted during presentations!!

<b>POLL</b>	10:00-10:10	<i>Welcome and agenda</i> , Marko Jurvansuu VTT and Susanna Pirttikangas University of Oulu
	10:10-10:30	<i>Finnish manufacturing Rebooted!</i> Marko Jurvansuu
	10:30-10:45	<i>Digitalisation experience sharing web platform premiere</i> , Marko Jurmu, Erkki Siira VTT
	SESSION I: NEW SERVICES, ENHANCING SALES AND SUPPLY	
	10:45-11:15	<i>New business with a digital twin of a thruster</i> , Joni Keski-Rahkonen KONGSBERG
	11:15-11:30	<i>Assisting customers in their decision making with product configurator</i> , Mikko Koho Ponsse
	11:30-11:45	<i>Robotic Process Automation in procurement – Virtual Buyer</i> , Sami Tervo Scanfil
	LUNCH 11:45-12:30	
	SESSION II: DIGITAL PRODUCTION	
	12:30-13:00	<i>AI foreman: improved employee wellbeing and production planning</i> , Mikko Jukkanen ABB and Esa-Matti Sarjanoja Nokia <b>POLL</b>
	13:00-13:15	<i>Company strategical change enabled by big data collection</i> , Markus Broman ABB
	13:15-13:30	<i>Improving productivity using novel robotic solutions</i> , Frederick Teye GE
	13:30-13:45	<i>Advanced MES solution piloted in Sulzer</i> , Kalle Lehti Sulzer, Pekka Saarelainen Leanware
	13:45-14:00	BREAK
	SESSION III: FUTURE RESEARCH	
	14:00-14:30	<i>Digitalisation in manufacturing</i> , Klaus Beetz, CEO EIT Manufacturing
	14:30-14:55	Roundtable: " <i>Solving manufacturing grand challenges with leaner company-academy collaboration</i> ", chair Susanna Pirttikangas <b>POLL</b>
	14:55-15:00	<i>Next steps for Reboot ecosystem</i> , Marko Jurvansuu, Susanna Pirttikangas
	15:05	Teams photo

## Organisations participating this seminar

- 3D talo Finland
- Aalto
- ABB
- Atos
- AVL
- Bittium
- Business Finland
- Business Tampere
- DTx Digital T. C.
- EFFRA
- EIT Manufacturing
- European commission
- Fastems
- Festum Software
- Fraunhofer
- GE Healthcare
- High performance creators
- iProtoxi
- Iris Manufacturing Research
- Kaitotek
- Konecranes
- KONGSBERG
- Leanware
- LMS
- Mideye
- MTC
- Nokia
- Ponsse
- Posicraft
- Polkky
- Remion
- Scanfil
- Sulzer
- Symvio
- TalTech
- Tampere University
- Teknologiateollisuus
- Top Data Science
- TU Wien
- University of Oulu
- UROS
- Vaisto Solutions
- Valmet Automotive
- Vastuu Group
- Voestalpine Additive Manuf C.
- VTT
- Zyfra
- Åbo Akademi