



# Turn research into action

Connect, collaborate & create  
with partners from the industry

PhDs & Post Docs

05.12.24, 1:30pm - 5:30pm

Karlsruhe Institute of Technology (KIT)

## Topics and companies



### Secure X Operation – IT Security for connected production environments and infrastructures.

Focus is on secure device connectivity & communication, edge computing, industrial intrusion detection/prevention systems, identity & access management, security-oriented device lifecycle management.

[#CyberSecurity](#) [#EdgeComputing](#) [#RemoteMaintenance](#)



**Integration of technologies such as AI to optimize real-time data analysis and management in industrial sensor technology and automation.** The focus is on edge analytics, interoperability and data infrastructure for greater efficiency, security and user-friendliness.

[#EdgeAnalytics](#) [#Interoperability](#) [#DataInfrastructure](#)



Focus is on the topic industry with the sub-items **connectivity, reconfigurable manufacturing systems and digital twin.** In general Festo SE & Co. KG offers pneumatic and electrical automation technology for factory and process automation.

[#DigitalTwin](#) [#ManufacturingSystems](#) [#Connectivity](#)



**Technology-supported optimization and transparency in energy management.** The focus is on charging infrastructure, real-time energy flow measurement, AI-supported maintenance, user-friendliness & strategies for reducing and optimizing energy consumption.

[#Charging](#) [#EnergyManagement](#) [#AI](#) [#Mobility](#)

## Registration

Apply now for one of the  
exclusive spots by  
November 25th, 2024:

<https://join-nxtgn.typeform.com/to/qTKwrtVUL>



## Agenda

- 1:30 PM  
Welcome & Opening
  - 2:00 PM  
Input & Q&A Session (Focus Spin-offs)
  - 3:15 PM  
Networking Break
  - 4:00 PM  
Topic Deep Dives
  - 5:30 PM  
Networking & Fingerfood
- Optional from 6 PM: Gründerglühwein – Stay and get to know the Karlsruhe Startup ecosystem