



# 17th IEEE International Conference on Factory Communication Systems (WFCS), June 9-11 2021



## Industry Forum

Industry Forum is an IES program for Industry to engage with research in a productive manner. Industry speakers are invited to discuss industry, technology directions, and, most importantly, challenges for the companies. We want all conference attendees to engage in the Industry Forum and listen to the presentations of our industry speakers so all communities can benefit.

### Session 1    Deterministic Industrial Communications

2:00 – 3:00 pm CEST, June 9, 2021

Chair: Dr. Thomas Strasser

Talk 1: **Deterministic Communications** (2:00 – 2:20 pm)

Dr. Dietmar Brucker (B&R Industrial Automation GmbH, Austria)

Talk 2: **TSN for Industrial Automation** (2:20 – 2:40 pm)

Dr. René Hummen (Hirschmann Automation and Control GmbH, Germany)

Talk 3: **Emerging integrated automation systems with converged network** (2:40 – 3:00 pm)

Dr. Kenneth Lee (Schneider Electric, USA)

## Session 2 Industrial Wireless

3:00 – 4:00 pm CEST, June 10, 2021

Chair: Dr. Victor Huang

Talk 1: **IEEE P1451.5.X Smart Transducer Interface for LPWANs** (3:00 – 3:20 pm)

Dr. Kim Fung Tsang (Greater Bay Area 5G Industry Alliance, Hong Kong)

Talk 2: **A Collaborative Robotic Workcell Testbed with Wireless Time Sensitive Networking**  
(3:20 – 3:40 pm)

Dr. Richard Candell (National Institute of Standards and Technology – NIST, USA)

Talk 3: **Extending Security Beyond the Edge to highly constrained endpoints in the newly connected Industrial World** (3:40 – 4:00 pm)

Mr. Francois Lé (iotaBEAM Inc., USA)