The Industry 4.0 track aims to provide a platform for researchers to showcase findings and explore emerging technologies in the design and implementation of smart factories. Specific topics include, but are not limited to, the following:

- **Intelligent IoT-based solutions for smart manufacturing**
- **Innovative sensing strategies for process monitoring and tracking of product history**.
- **Digital twin in product design and smart manufacturing**
- **Smart interconnection and interoperation for digital twin**
- **Machine learning techniques to improve process control and part quality**
- **Real-time IoT data analytics, data aggregation, data abstraction and event detection**
- **Integration of additive manufacturing in smart factories**
- **Smart modeling of factory floors and manufacturing processes integrated with sensor data**
- **Manufacturing data analysis and diagnostics for real-time reporting using intranet capabilities and/or the cloud**
- **Human machine interface and communication technologies**
- **Augmented reality (AR), virtual reality (VR) and mixed reality (MR) immersive technologies**
- **Security, safety and privacy in Industry 4.0**
- **Edge-fog-cloud computing in smart factories**
- **Privacy-preserving machine learning techniques**
- **The application of Distributed Ledger Technologies (DLTs) and blockchain for smart manufacturing**
- **Advanced robotics (collaborative and adaptive robots)**
- **Semantic Web of Things for Industry 4.0**
- **Blockchain, AI/ML, big data and IoT business model in smart energy**
- **Industry 4.0 implementation and real-world case studies**