

## International Workshop on Emerging Technology in IoT

With the rapid development of Internet of Things (IoT), our current Internet-environment has become more complicated and convenient, by leveraging new expertise in embedded systems, cloud environments, IoT platforms, web apps and more. In this case, there might be much more performance issues on the future design of IoT devices, including security issues and solutions. The emerging trends in IoT are majorly driven by technologies like artificial intelligence, blockchain, 5G, edge AI, and edge computing. This workshop aims to provide a platform for professionals from academia and industry to discuss emerging solutions and applications on IoT. We seek submissions describing either theoretical or practical solutions in this field. Topics of interest include, but are not limited to:

- Internet of Things / Industrial Internet of Things
- Cloud Services
- Microcontrollers and intelligent devices
- Sensors
- Data analytics
- Architectures for Intelligent and Trustworthy IoT systems
- Quality Characteristics of Intelligent and Trustworthy IoT systems
- Metrics for assessing Intelligent and Trustworthy IoT systems
- Edge-computing, Cloud-computing, Hybrid Edge-Cloud Architectures
- Security and Privacy for Intelligent and Trustworthy IoT systems
- Trust and Scalability in Intelligent and Trustworthy IoT systems
- Interoperability and Standards Compliance within Intelligent and Trustworthy IoT systems
- AI and Explainability for Intelligent and Trustworthy IoT systems
- Human Factors in Intelligent and Trustworthy IoT systems

### **Important dates:**

Submission deadline: 20 May 2024

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### **Organizing committee:**

Wei-Yang Chiu, Technical University of Denmark, Denmark

Chunhua Su, The University of Aizu, Japan