

# 9th IFIP-IoT CONFERENCE

Al Ain, UAE / Hybrid

UAE



11-13 Nov, 2026



## Call For Papers

Submit your paper via EasyChair

<https://easychair.org/conferences/?conf=ifipiot2026>



[www.ifip-iotconference.org](http://www.ifip-iotconference.org)

The Internet of Things (IoT) is transforming the way we live, work, and interact with the world. As billions of connected devices continue to grow in scale and intelligence, new challenges and opportunities emerge across systems, security, data, and intelligent decision-making. We invite researchers, practitioners, and industry experts to submit their original contributions addressing cutting-edge advancements, open challenges, and future directions in IoT.

**Scope of the Conference:** The conference welcomes contributions spanning the full IoT ecosystem from design and development to deployment, management, and real-world applications. Topics include technical innovations, research challenges, and policy perspectives involving users, industries, and regulatory bodies.

### Track 1: IoT Systems, Networks, & Applications

Scalable and Distributed IoT Systems

- Autonomous and Service-Oriented Architectures
- 5G/6G-enabled IoT and LPWAN Technologies
- Edge, Fog, and Hybrid Computing
- Software-Defined Networking for IoT
- Smart Cities, and Transportation
- Wearables and mHealth Systems
- Digital Twins and Real-time Analytics
- Predictive Maintenance and IoT in Metaverse

### Track 2: IoT Security and Privacy

- Lightweight Cryptography and Hardware Trust
- Blockchain-based Security Solutions
- Privacy-Preserving Data Aggregation
- Intrusion Detection and Risk Assessment
- Identity and Access Management
- AI/ML for IoT Security
- Post-Quantum and Zero-Trust Security Models
- Secure Firmware and OTA Updates
- Human-Centric Privacy and Energy-Efficient Security

### Track 3: AI for IoT (AIoT)

- TinyML and On-Device Intelligence
- Federated Learning and Distributed AI
- Explainable AI (XAI) for Edge Systems
- Deep Learning for Signal Processing
- Reinforcement Learning for Resource Optimization
- Anomaly Detection and Predictive Analytics
- Generative AI and Synthetic Data
- Vision-based AI for Robotics and Surveillance
- Neuromorphic Computing and Real-time Analytics



All accepted and presented papers will be published in the Springer IFIP AICT Series (Scopus indexed).

#### GENERAL CHAIRS

Schahram Dustdar, TU Wien, Austria  
Rajkumar Buyya, University of Melbourne, Australia  
Hesham El-Sayed, UAE University, UAE

#### PROGRAM CHAIRS

Sabrina Senatore, University of Salerno, Italy  
Khalid Elgazzar, Ontario Tech University, Canada  
Parag Kulkarni, UAE University, UAE  
Deepak Puthal, UAE University, UAE

#### Special Session Chairs

Farman Ullah, UAE University  
Mustaqeem Khan, UAE University  
Syed Aziz Shah, Coventry University, UK  
Shabir Ahmad Gachon University, South Korea

#### Track Chairs

Sara Elsayed, University of Calgary, Canada  
Bassem Mokhtar, UAE University  
Salman Yussof, National Energy University, Malaysia  
Norziana Jamil, UAE University  
Leandros Maglaras, De Montfort University, UK  
Helge Janicke, Edith Cowan University, Australia  
Mohamed Amine Ferrag, UAE University

#### Steering Committee

Srinivas Katkoori, University of South Florida  
Leon Strous, IFIP, NL  
Saraju Mohanty, University of North Texas, USA  
Gaëtan Rey, University of the Côte d'Azur, FR  
Jean-Yves Tigli, University of the Côte d'Azur, FR

#### Publicity Chairs

Thangavel Murugan, UAE University  
Mobeen Ur Rehman, UAE University  
Hossien Eldeeb, UAE University

#### Important Dates

11-13 November - IFIP IoT 2026

[Accepting Submissions]

Final Submission (FIRM Deadline)

15<sup>th</sup> August 2026

#### Notification deadline

1<sup>st</sup> September 2026

#### Important:

1. Full papers (10-18 pages, Springer format) should be submitted.
2. Authors must disclose use of AI-generated text in their manuscript in the acknowledgement section.
3. Papers submitted will be screened for similarity and AI generated content using iThenticate