Call for Papers

Wireless and Mobile AIoT

Track Co-Chairs

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Scope and Motivation

Recent advances in smart sensing, flexible communication, and mobile computing are redefining the frontiers of the Intelligence of Things (IoT) landscape and catalyzing the emergence of the Artificial Intelligence of Things (AIoT) systems. These advancements unlock transformative potential across domains — from precision environmental monitoring to context-aware cyber-physical networks, personalized healthcare ecosystems, adaptive human-AI collaboration, etc. This special track invites pioneering research on all aspects of AIOT applications and services, and welcome interdisciplinary contributions that advance resilient, scalable, and intelligent systems for smart cities, industrial automation, wearable ecosystems, and beyond.

Topics of Interest

Our track seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

➤ AIoT systems and applications in Smart Cities, Industries, Healthcare, etc.
➤ Multimodal (6G, Wi-Fi, millimeter-wave, UWB, ultrasound, RFID, etc.) systems for context sensing and location estimation
➤ New platforms and communication paradigms for sensor networks
➤ Mobile / Ubiquitous / Wearable computing
➤ Learning algorithms / models for perception, understanding, and adaptation
➤ Novel smart / mobile applications using machine / deep learning
➤ Security and privacy in smart / mobile applications and systems

Important Dates

Paper Submission: 2025-08-15
Notification: 2025-10-01
Camera Ready and Registration: 2025-10-15

How to Submit a Paper

Each submission should include the authors' names, affiliations, an abstract, and 5–10 keywords. Papers are limited to 8 pages, including figures and references. Up to two additional pages may be included with an overlength charge. Full instructions on how to submit papers are provided on the IEEE ICPADS 2025 website: http://ieee-icpads.org.cn/CFP-research-paper.html