3SCity-E2C

Developing/Building Smart, Sustainable, Scalable Cities/Countries/Industries Through Edge-to-Cloud Orchestration

IoT-Enabled Smart
Sustainable
Scalable
Cities

IEEE Annual Congress on Artificial Intelligence of Things (IEEE AIoT)

3-5 Dec 2025 · Osaka, Japan

Call For Papers

Industries, cities, countries, and continents are increasingly leveraging the transformative potential of Artificial Intelligence of Things (AIoT) to build intelligent, resilient, and sustainable ecosystems. By integrating AI technologies with IoT systems, AIoT enables devices to interact with their environment more intelligently and autonomously. The adoption of smart, sustainable, scalable, reliable, and secure ICT architectures, driven by edge-to-cloud orchestration, allows real-time data analytics to optimize urban infrastructure, resource management, and critical services such as traffic, energy, and public safety. On a broader scale, strategic policies promote innovation and digital transformation, encouraging industries to deploy AIoT solutions that enhance productivity, reduce environmental impact, and strengthen supply chains. This convergence supports emerging applications in healthcare, smart homes, industrial automation, transportation, and agriculture. Addressing challenges of interoperability, ethics, and security is essential to ensure privacy, transparency, and accountability. Contributions that advance AIoT frameworks, algorithms, applications, and standards are welcomed to foster a global ecosystem of intelligent growth and sustainability, improving quality of life across societies

Topics of Interests

• ICT Technologies & Platforms in Smart & Sustainable & Scalable Environments (Industries/Cities/Countries/Continents);
• Data Management Technologies in Smart & Sustainable & Scalable Environments (Industries/Cities/Countries/Continents);
• Big Data Driven Technologies in Smart & Sustainable & Scalable Environments (Industries/Cities/Countries/Continents);
• Privacy-Preserving ICT Architecture;
• Serverless & Microservice Architecture for IoT Networks;
• Real-time Applications in Smart & Sustainable & Scalable Environments (Industries/Cities/Countries/Continents/Continents);
• AI/ML in Cloud/Edge/Fog for Various Smart & Sustainable & Scalable Environments (Industries/Cities/Countries/Continents);
• Resource Orchestration in Cloud, Edge, Fog Networks;
• Virtual and Augmented Reality for Smart & Sustainable & Scalable Environments (Industries/Cities/Countries/Continents);
• Robotics with Cloud/Edge/Fog Computing
• Blockchain Applications in Smart & Sustainable & Scalable Environnements (Industries/Cities/Countries/Continents);
• Edge-to-Cloud Orchestrated ICT Solutions for Smart & Sustainable & Scalable & Reliable Environnements (Industries/Cities/Countries/Continents);

Important Dates

•**Paper Submission Deadline:** 10 September 2025
•**Paper Acceptance Notification:** 15 October 2025
•**Camera-Ready Deadline: 03** November 2025

Paper Submission

•Papers are limited to 6 pages (including references), plus 1 optional extra pages for purchase.

•Accepted papers will appear on IEEE explore if registered and presented at the IEEE AIoT 2025 proceedings: https://www.ieee-aiot.org/2025/

•The template follows IEEE Conference Templates: https://www.ieee.org/conferences/publishing/templates.html

•Submission Link: TBA

Core Team & Organizers

Amir Sinaeepourfard
IEEE, Norway

Souvik Sengupta
Senior Lead Researcher, IONOS SE, Germany

3SCity-E2C

Further information

Web https://ictcity.org/3scity-e2c/2025/9/

Email amir.sinaee@ieee.org

LinkedIn https://www.linkedin.com/company/3scity-e2c/