3SCity-E2C 9

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

IoT-Enabled Smart

Sustainable

Scalable

Cities

Call For Papers

Cities, industries, countries, and continents increasingly recognize the transformative potential of "Smart and Sustainable IoT," harnessing interconnected technologies to create intelligent, resilient, and environmentally sustainable ecosystems. By employing Smart, Sustainable, Scalable, and Reliable data-driven ICT architectures that leverage edge-to-cloud orchestration, these entities can significantly optimize urban infrastructures, enhance resource management efficiency, and facilitate robust, data-informed decision-making processes. Urban centers benefit from integrated real-time data analytics, energy-efficient systems, and autonomous operations to optimize essential services such as traffic flow, energy consumption, and public safety. On a national and continental scale, strategic policies can incentivize innovation and promote sustainable digital transformation, encouraging industries to adopt IoT-enabled solutions that boost productivity, minimize environmental impact, and build resilient supply chains. Collectively, these comprehensive initiatives foster a global ecosystem of intelligent growth and sustainability, effectively addressing environmental challenges while simultaneously enhancing quality of life across societies, cities, industries, countries, and entire continents.

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:** 15July2025
- **Paper Acceptance Notification:** 15September2025
- **Camera-Ready Deadline:** 30September2025

Paper Submission

- Papers are limited to 8 pages (including references), plus 2 optional extra pages for purchase.
- Accepted papers will appear on IEEE explore if registered and presented at the IEEE SmartIoT 2025 proceedings: https://www.ieee-smartiot.org/index.jsp
- The template follows IEEE Conference Templates: https://www.ieee.org/conferences/publishing/templates.html
- Submission Link: https://easychair.org/account2/signin_timeout?l=835373686903003727

Core Team & Organizers

Amir Sinaeepourfard
IEEE, Norway

Souvik Sengupta
Senior Lead Researcher,
IONOS SE, Germany

Further information

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

Email amir.sinaee@ieee.org

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