3rd Series of (3SCity-E2C) Building Software Services in Smart City through Edge-to-Cloud orchestration Workshop

in conjunction with **The 22nd IEEE International Conference on Mobile Data Management Toronto, Canada**, 15-18 June 2021

The stresses of urban growth and citizens' requirements make complexity to build software service in a smart city. Some main points of these complexities go beyond large-scale IoT management in the smart city in terms of management of data and IoT resources as well as assessment and mitigation cybersecurity threats/risks to validate security requirements for building software service in the smart city.

The building Software Services in Smart City through Edge-to-Cloud orchestration (3SC-E2C) workshop focuses on software-assisted environments for urban environments. We welcome strong papers exploring the theme of 'Building Software Services in Smart Cities' with mainly focus on Edge-to-Cloud orchestration. This workshop brings together researchers, developers, practitioners, and stakeholders interested in the advances and applications for smart cities. In addition to this, we look forward to new proposals for the large-scale management of data, software/service, and cybersecurity in smart city environment.

Topics

- Data Management Technologies, Architecture, and Platforms through Edge-to-Cloud computing networks in Smart Cities;
- Resource Management Technologies, Architecture, and Platforms through Edge-to-Cloud computing networks in Smart Cities;
- ICT Technologies, Architecture, and Platforms through Edge-to-Cloud computing networks in Smart Cities;
- Federated Learning/Replicated Learning through large-scale IoT networks of smart cities;
- Innovative software services in Edge-to-Cloud computing networks in smart cities, particularly IoT, smart sensing, and Artificial Intelligence technology;
- Quality of Edge-to-Cloud software services in smart cities;
- Edge-based or Edge-to-Cloud based real-time applications in smart cities;
- Software-Defined Networking (SDN) for Edge computing and Edge-to-Cloud computing networks in smart cities;
- Load balancing and service selection at the Edge computing networks in smart cities;
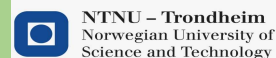
Further information available on: https://fmezen.no/3scity-e2c-workshop-2021-3rd-edition/

Special Themes

Special ICT Themes:
- Resource Management for Software Service Execution

Special Business Domains Themes:
- Digital Twins for smart building, EMS, and neighborhoods
  + Our particular interest focuses on "Reducing end-use Energy Demand" in building and neighborhoods
- Connected Cars and Vehicular Network Solutions

Workshop Organizer & Idea Creator
- **Amir Sinaeepourfard, NTNU, Norway**

Workshop Committee Members
- **Souvik Sengupta, i2CAT, Spain**
- **Shehenaz Shaik, Auburn University, Auburn, AL, USA**
- **Phu Nguyen, SINTEF, Norway**
- **Vitor Barbosa Souza, Universidade Federal de Viçosa (UFV), Brazil**
- **Antonio Salis, Engineering Sardegna, Italy**

NTNU – Trondheim
Norwegian University of Science and Technology

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