The First International Workshop on
(3SCity-E2C) Building Software Services in Smart City through Edge-to-Cloud orchestration

(https://fmezen.no/3scity-e2c-workshop-2020/)

in conjunction with **The 21ᵗʰIEEE International Conference on Mobile Data Management (MDM)**,

Versailles, France

June 30, 2020

The first international **3SCity-E2C** workshop is a leading venue for academics and practitioners to present and discuss their research on evidence-based data and software engineering, and its implications for data and software practice. Based on this objective, smart cities are an excellent example of a contribution between ICT, data architectures, software developers, citizens and their business requirements, and city manager policies. Those contribution challenges make several opportunities to discuss building Software Services as well as large-scale data management in smart cities through novel ICT technologies, such as Edge-to-Cloud computing orchestration. In addition, this workshop lightly highlights another challenge to build efficient software services in a city such as **ICT architecture and platform, and its data management and cybersecurity issues.**

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

Workshop Committee Members
- Antonio J. Jara, University of Applied Sciences Western, Switzerland
- Antonio Salis, Engineering Sardegna, Italy
- Deepak Puthal, Newcastle University, UK
- Phu Nguyen, SINTEF, Norway

Keynote Speakers
- Soumya Kanti Datta, Eurecom, France
- Phu Nguyen, SINTEF Digital, Norway
- Souvik Sengupta, UPC, Spain

Topics
- Data 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;
- Innovative services in Edge-to-Cloud computing networks in smart cities, particularly IoT, smart sensing, and artificial intelligence technology;
- Quality of Edge-to-Cloud services in smart cities;
- Edge-based or Edge-to-Cloud based real-time applications in smart cities;
- Software of Edge Computing and Edge-to-Cloud computing networks 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;
- Cybersecurity challenges and solutions for threat and attack detection in Large-Scale Smart City environment through Edge-to-Cloud computing networks;
- Federated Learning through Edge-to-Cloud computing networks.

Important dates
All accepted papers will be published in the proceedings of the 2020 International Conference on MDM and included in the **IEEE Xplore® digital library**.
- **Paper Registration and Abstract Deadline:** March 15, 2020
- **Paper Submission Deadline:** March 22, 2020
- **Notification of Paper Acceptance:** April 30, 2020