

Workshop on Engineering Techniques for Distributed Computing Continuum Systems (DCCS)

Each presentation will have a total duration of 25 minutes. This will be divided into:

- **20 minutes for the presentation**, allowing authors to thoroughly present their research findings.
- **5 minutes for Q&A**, providing an opportunity for the audience to engage with the presenters and ask questions.
- All presentations will be conducted in-person.

Chair: Dr. Ilir Murturi

Workshop Start: 13:15 (EDT (UTC-4))

1. **13:15 - 13:40**
 - **Paper:** EDCCS_2024_1
 - **Title:** Private, Encrypted Communication in IoT Systems Using PUF and MQTT
 - **Presenter:** Amir Ali-Pour & Julien Gascon-Samson
2. **13:40 - 14:05**
 - **Paper:** EDCCS_2024_3
 - **Title:** Wait or Not to Wait: Evaluating Trade-Offs between Speed and Precision in Federated Aggregation
 - **Presenter:** Tri Nguyen, Huong Nguyen, Lauri Lovén, Susanna Pirttikangas
3. **14:05 - 14:30**
 - **Paper:** EDCCS_2024_4
 - **Title:** Integrating Serverless and DRL for Infrastructure Management in Streaming Data Processing across edge-cloud continuum
 - **Presenter:** Chinmaya Dehury & Satish Srirama

Coffee Break: 14:30 - 14:40 (10 mins)

4. **14:40 - 15:05**
 - **Paper:** EDCCS_2024_7
 - **Title:** A Framework for Dynamic Dependency-based Service Placement in the Cloud-Edge Continuum
 - **Presenter:** Stefan Schulte, Josef Sochovsky, Vasileios Karagiannis, Janick Edinger, Dominik Kaaser
5. **15:05 - 15:30**
 - **Paper:** EDCCS_2024_9
 - **Title:** Data Fabric for Industrial Metaverse
 - **Presenter:** Abhishek Kumar, Lauri Lovén, Susanna Pirttikangas, Sasu Tarkoma
6. **15:30 - 15:55**
 - **Paper:** EDCCS_2024_10
 - **Title:** A lightweight distributed telemetry for microservice architectures
 - **Presenter:** Pablo Fernandez, Manuel Otero, Jose Maria Garcia

Workshop End: 15:55