The 8th IEEE International Conference on Fog and Edge Computing (ICFEC 2024)

May 6-9, 2024, Philadelphia, USA
To be held in conjunction with IEEE/ACM CCGrid 2024

Call for Papers

The conference seeks to attract high-quality contributions covering both theory and practice over systems research and emerging domain-specific applications related to next-generation distributed systems that use the edge and the fog. Some representative topics of interest include, but are not limited to:

- Data centers and infrastructures for fog/edge computing
- Mobility management in fog/edge computing
- Federated learning and distributed machine learning in the fog and on the edge
- 5G and fog/edge computing
- Middleware and runtime systems for fog/edge infrastructures
- Programming models for fog/edge computing
- Storage and data management platforms for fog/edge computing
- Scheduling and resource management for fog/edge infrastructures
- Security, privacy, trust, and provenance issues in fog/edge computing
- Distributed consensus and blockchains at the edge and in the fog
- Modeling and simulation of fog/edge environments
- Performance monitoring and metering of fog/edge infrastructures
- (Big) Data processing in the fog and at the edge
- Energy-efficient fog/edge computing

Submission Instructions

All papers must be original and not simultaneously submitted to another journal or conference. The following paper categories are welcome:

Full Paper submissions should follow the IEEE template for conference proceedings. Authors should submit papers, written in English, electronically in PDF format, and may not exceed 8 letter-size pages in length, including all figures, tables, and references. All manuscripts will be reviewed and judged on originality, technical strength, significance, presentation, and relevance to the conference by at least three reviewers. Papers may be submitted online at https://easychair.org/conferences/?conf=icfec2024

Poster submissions can be a maximum of 2 letter-size pages, including all figures, tables, and references. They will undergo the same review process as full papers.

Publication

Papers that are accepted for publication may be accepted as REGULAR papers (8 pages) or SHORT papers (5 pages), depending on the reviewer's recommendations. Accepted papers will be included in the conference proceedings that will be published through the IEEE Computer Society Conference Publishing Services.

For more information visit http://icfec2024.ontariotechu.ca/

Important Dates

Paper submissions:
December 19, 2023
Notifications:
February 12, 2024
Camera-ready due:
March 4, 2024

Organization

General Chairs:
- **Khalid Elgazzar**, Ontario Tech University, Canada
- **Yogesh Simmhan**, Indian Institute of Science, India

Program Chairs:
- **Stefan Schulte**, Hamburg University of Technology, Germany (stefan.schulte@tuhh.de)
- **Lena Mashayekhy,** University of Delaware, USA (mlena@udel.edu)