# Call for Papers

# The First International Workshop on Future Mobile Computing and Networking for Internet of Things (FMobile 2022)

**in conjunction with the 15th IEEE International Conference on Internet of Things (iThings 2022)**

**August 22 - 25, 2022, Espoo, Finland**

**Summary**

The past few years have witnessed a burgeoning growth of the Internet of Things (IoT), and tremendous amounts of data are continuously generated from numerous IoT devices and applications globally. Nowadays, the development of 5G mobile networks has evolved into a major driving force for the advance of IoT. Meanwhile, the cutting-edge technologies are offering new opportunities and challenges in enabling future mobile computing and networking for IoT, through improving service reliability, enhancing energy efficiency, reducing network delay, managing mobility, upgrading Quality of Services (QoS), etc. These technologies are being proposed to facilitate future mobile computing and networking for IoT, thereby building an active and comprehensive research community around the topic.

The workshop aims to provide a forum for international researchers from both academia and industry to exchange ideas, and discuss their early research work and inspiring findings on the innovations on future mobile computing and networking for IoT. Also, this workshop will attract contributions of global scientists and engineers, and extend the state of the art of future mobile computing and networking, including algorithm design, systems and applications, that can optimize existing and future IoT applications and services. Furthermore, the workshop will motivate the experts to unlock the potentials of the IoT paradigm in future mobile computing and networking, through leveraging techniques such as cloud/fog/edge computing, network function virtualization(NFV), applied cryptography, blockchain, and machine learning (ML).

**Call for Papers**

Particular areas of interest include, but are not limited to:

- Cloud/fog/edge computing for IoT
- Network function virtualization (NFV) for mobile networks
- Distributed systems for IoT
- Drone/UAV networking for mobile networks
- AI/ML for mobile networks
- Resource allocation for mobile networks
- Novel mobile applications and services
- Security and privacy in IoT
- Data mining for mobile networks

- QoS modelling, measurement, and optimization for mobile networks
- Performance analysis for mobile networks
- Protocol design and management for mobile networks

Submission link: https://edas.info/newPaper.php?c=29460&track=111827

**Important Dates**:

Paper Submission Deadline: May 7th,2022

Authors Notification: June 10th, 2022

Final Manuscript Due: June 25th, 2022

Conference Date: August 22th-25th, 2022

**Submission**

Author Instructions

All papers need to be submitted electronically through the EDAS website

(https://edas.info/newPaper.php?c=29460&track=111827) with PDF format. Submitted papers must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. Papers must be clearly presented in English, must not exceed 6 pages in IEEE Computer Society proceedings format (or up to 8 pages with the pages over length charge), including tables, figures, references and appendices. The limit length of accepted papers should be 6 pages with at most 2 extra page charge.

Papers will be selected based on their relevance, novelty, originality, significance, soundness of methodology and clarity. Based on the research areas and expertise of the program committee members, all submitted manuscripts will be peer-reviewed rigorously, with at least three reviewers assessing each submitted manuscript.

Submission of a paper should be regarded as a commitment that, should the paper be accepted, at least one of the authors will register and attend the conference to present the work. IEEE iThings 2022 reserves the right to exclude a paper from distribution after the conference (e.g., removal from the digital library and indexing services), if the paper is not presented at the conference.

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