

Special Issue

Cloud and Edge Computing Systems for IoT

Message from the Guest Editors

We are in the midst of a rapid growth in Internet-of-Things (IoT) related multimodal applications in diverse areas such as smart cities, smart homes, autonomous vehicles, agriculture, manufacturing, and smart power grids. The rapid rise of distributed, heterogeneous, and collaborative IoT is empowered by low-cost embedded devices, on-demand, massively scalable computing in the Cloud, high-speed communication networks, and big data storage technologies and tools. Motivated by constraints on latency, bandwidth, cost, and data privacy issues, the IoT designers have been offloading resource-intensive functionalities to the emerging network infrastructure tier, i.e., edge nodes. This calls for the development of novel computation, memory, and power paradigms that support the interplay of Cloud, edge computing, and IoT devices. In this Special Issue on Cloud and Edge Computing Systems for IoT, we invite researchers to submit previously unpublished research that addresses the above questions and related issues.

Guest Editors

Dr. Arun Ravindran

Department of Electrical and Computer Engineering, University of North Carolina at Charlotte, Charlotte, NC 28223, USA

Dr. Reshmi Mitra

Department of Computer Science, Southeast Missouri State University, Cape Girardeau, MO 63701, USA

Deadline for manuscript submissions

closed (29 February 2024)



IoT

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 8.0



mdpi.com/si/113931

IoT
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
iot@mdpi.com

mdpi.com/journal/

[IoT](#)





IoT

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 8.0



[mdpi.com/journal/
IoT](https://mdpi.com/journal/IoT)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Amiya Nayak
School of Electrical Engineering & Computer Science, University of
Ottawa, 800 King Edward Avenue, Ottawa, ON K1N 6N5, Canada

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO,
and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 25.5 days after
submission; acceptance to publication is undertaken in 5.3
days (median values for papers published in this journal in
the second half of 2025).

Journal Rank:

JCR - Q2 (Telecommunications) / CiteScore - Q1
(Engineering (miscellaneous))