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## SPECIAL ISSUE: Machine Learning for Cloud-Edge Emerging Network Architectures: Theories, Foundations, Applications and Challenges

The purpose of this special issue aims to offer a diverse and emerging solutions, but complementary set of significant contributions to demonstrate new developments of machine learning solutions to solve real world problems in the emerging cloud architectures.

Deadline for initial paper submission is 31<sup>st</sup> October 2024.

Guest editors: Dr. Xu Zheng, prof. Jemal H. Abawajy, Dr. Haruna Chiroma, and Dr. Shafi'I Muhammad Abdulhamid

Topics that are invited for submission include (not limited to):

- Machine learning for evaluating energy efficiency in networks for the emerging cloud architectures.
- Machine learning and artificial intelligence for edge computing quality of experience (QoE) management
- Nature-Inspired Meta-heuristic algorithms for aiding decision in emerging cloud architectures.
- Knowledge-based discovery with nature-inspired meta-heuristic algorithms in fog/edge computing for quality of service (QoS).
- Hybrid machine learning systems for edge/serverless computing context-aware systems.
- Surveys and tutorials, case studies (including collaboration between academia and industry) and the current state of industrial practice in the emerging cloud architectures.



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