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5th International Conference on Data Analysis and Management

Organized by *London Metropolitan University, London, UK (Venue Partner)*
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WSG University, Bydgoszcz, Poland, Europe
&
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&
BPIT, GGSIPU, Delhi
Date: 14th - 15th June 2024

********** CALL FOR PAPERS **********

SPECIAL SESSION ON
Recent Advances in Communication Technologies and Computation Systems

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

The field of Recent Advances in Communication Technologies and Computation Systems, situated at the convergence of electronics, computational science, and communication technologies, is highly dynamic and continuously evolving. Progress in hardware, software, and interdisciplinary research drives its advancement. Computational electronics focuses on utilizing computational methods for simulating, modeling, and analyzing electronic devices and circuits. The trend towards miniaturization, with electronic components approaching atomic scales, highlights the growing importance of Nano electronics and quantum computing. Machine learning and artificial intelligence techniques are increasingly integrated into these systems, facilitating tasks such as system optimization, signal processing, and predictive maintenance. Noteworthy emerging trends encompass the development of intelligent algorithms for resource allocation, spectrum management, and enabling autonomous operation within electronic and communication systems.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

Unmanned Aerial Vehicle Networks
Reconfigurable Wireless Networks
Cognitive Communications
Electromagnetic Remote Sensing
Signal Processing for Communication & Networking
RF Antenna Modeling and Design
Quantum Signal Processing
Machine and Deep Learning for Remote Sensing Applications
Parallel and Grid Computing
Wireless sensor networks
Wearable network and systems

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Recent Advances in Communication Technologies and Computation Systems**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://icdam-conf.com/downloads . All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify [**Recent Advances in Communication Technologies and Computation Systems**] at the top (above paper title) of the first page of your paper.

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