

ICDAM-2022  
International Conference on Data Analysis and Management  
Organized by THE KORKONOSZA UNIVERSITY OF APPLIED SCIENCE  
On 25<sup>th</sup> - 26<sup>th</sup> June, 2022  
\*\*\*\*\* CALL FOR PAPERS \*\*\*\*\*

**SPECIAL SESSION ON**

Advances in circuits and system design for wearable and IOT applications

**SESSION ORGANIZERS:**

Assoc Prof (Dr.) Manoj Sharma Bharati Vidyapeeth's College of Engineering, Paschim Vihar, New Delhi, India,  
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**SESSION DESCRIPTION:**

The main objective of this session is to provide the platform to the researchers, industry experts, academicians and innovative individuals to get together and discuss all Emerging trends in IC design technologies, EM circuits and antenna design, system design along with the optimization related. In the technology enabled world, interconnecting devices plays major role and hence the IOT aiming to augment the human life depends upon hardware capabilities. For many such applications the circuits/antenna/systems need special emphasis in design stages enabling IOT. The optimization techniques further strengthen using the ML/AI concepts. The platform hence also tries to collate efforts in architectures, circuit, applications, optimization and usage of ML/AI for the same.

**RECOMMENDED TOPICS:**

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

Technologies for IoT and wearable devices: Hardware Architecture, circuit design, wearable technology communication protocols and layers, WBAN, inter-body and intra-body communications, Energy harvesting and Power management, Antenna design, EM systems, IOT enabled wearable and architectures, IOT networks and protocols, FPGA and microcontrollers in IOT and wearable FPGA based product design, FPGA accelerated computing, IOT enabled FPGA capabilities and applications, Applications of ML and AI for IOT and wearable , SOC and architecture for IOT enabled wearable, Development and Advances in CAD tools support for IOT and wearable

**SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on ‘Advances in circuits and system design for wearable and IOT applications’ on or before 10<sup>th</sup> April 2022. 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://www.icdam-conf.com/papers>

All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify [Advances in circuits and system design for wearable and IOT applications] at the top (above paper title) of the first page of your-paper.

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