

ICDAM-2023
**4th International Conference on Data Analysis and
Management**

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in association with
The Karkonosze University of Applied Sciences, Jelenia Gora, Poland, Europe
&
Politécnico de Portalegre, Portugal, Europe
&
BPIT, GGSIPU, Delhi
Date: 23rd - 24th June 2023*

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

SPECIAL SESSION ON:

**AIMIESIoT-4.0 - AI-Based Manufacturing and Industrial Engineering Systems with Internet
of Things**

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

The session aims to scope for various industrial sectors & application scenarios, including smart cities, intelligent transportation systems, safety and security systems, environment monitoring, intelligent agriculture, smart factories, intelligent manufacturing, smart homes, and healthcare, various IoT innovations and standards have been vigorously developed in recent years. Several well-known and recently developed IoT standards & technologies will be examined in this book proposal. It will offer intelligent IoT technologies, such as an IoT network that is user-centered and distributed with data, processing capacity, and intelligent algorithms. It will list prevalent IoT applications. Additionally, it will examine brand-new IoT system wants and difficulties. IoT devices are becoming smarter. IoT applications are incorporating artificial intelligence, in particular machine learning, with rising capabilities, such as enhancing operational efficiency and assisting in preventing unanticipated downtime.

RECOMMENDED TOPICS:

Challenges, Opportunities, and the Future of Industrial

Engineering with IoT and AI

Computer-integrated Manufacturing Systems

Artificial Internet of Things technology and uses for Manufacturing Processes

Automation of Manufacturing Processes and Operations

Deployment of Machine Learning and Deep Learning Algorithms in Industrial Engineering

AIoT and Industry 4.0/ 5.0: Applications and Challenges

Industrial Applications and Services involving Bigdata Analytics

Optimization of Manufacturing Production and Process

Artificial Intelligence and Internet of Things in Diversified Industrial Domains

Applications and services for artificial IoT help in transportation

Advanced Predictive Analytics for Control of Industrial Automation Process

Role of AI in EV Applications; Prognostics, Diagnostics, and Fault Finding

Artificial Internet of Things applications for monitoring Industrial Processes

Internet of Things and Robotic Applications in the Industrial Automation Process

Other related topics...

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **AIMIESIoT-4.0 - AI-Based Manufacturing and Industrial Engineering Systems with Internet Of Things**] on or before [31st March2023]. 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 willbe reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify [**AIMIESIoT-4.0 - AI-Based Manufacturing and Industrial Engineering Systems with Internet Of Things**] at the top (above paper title) of the first page of your paper.

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