ICDAM-2021
International Conference on Data Analysis and Management

Organized Jointly by JAN WYZYKOWSKI UNIVERSITY, POLAND & Panipat
Institute of Engineering & Technology, HARYANA, INDIA
26th June 2021.

Conference website: http://icdam-conf.com/
************** CALL FOR PAPERS ***************
SPECIAL SESSION ON

Title: Big Data, Machine Learning and Deep Learning for Healthcare Analytics

All the accepted papers (after double-blinded peer review) will be published in Springer's Lecture Notes on Data Engineering and Communications Technologies
[Indexing: SCOPUS, INSPEC, EI Compendex, WoS] and extended selected papers will be published in the special issues of SCI/SCOPUS/WoS/DBLP/ACM indexed Journals.

All accepted papers will be published in **Scopus** and WoS **Indexed Springer Series on Lecture Notes on Data Engineering and Communications Technologies** and **Extended papers to the following Journals:**

- Multimedia Tools and Applications, Springer (**SCI IF 2.31)**
- Expert Systems, Wiley(**SCI IF 1.54)**
- International Journal of High-Performance Systems Architecture (**SCOPU**S)
- International Journal of Information and Communication Technology (**SCOPUS)**
- International Journal of Data Analysis Techniques and Strategies (**SCOPUS)**
- International Journal of Pervasive Computing and Communications (**SCOPUS, ESCI)**
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Impotent Dates:

Submission Deadline	April 20th, 2021
Notification of Accept/Reject	May 15th, 2021
Final Paper Due	May 31st, 2021
Registration Deadline	May 31st, 2021
Conference	June 26th, 2021

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

Aim: Big Data, Machine Learning and Deep Learning are predominantly changing the aspects of data utilization especially in healthcare. Various techniques, methodologies, algorithms are proposed by researchers to organize data in structured manner to assist the physicians in precision care of patients. Considering the modern trends and implementation of technologies powered via fusion of Big Data, Machine Learning and Deep learning, this session is proposed to study their impact on healthcare analytics. This session is entirely based on the current research trends on Big Data, Deep Learning and Machine Learning applications pertaining to healthcare data. As we know, healthcare data is highly critical for patient's care and crucial for physicians. Healthcare data is generated in abundant manner with passage of time. To manage this data, the traditional techniques are not adequate, so new and advanced techniques are required to perform the tasks in efficient and secured manner.

RECOMMENDED TOPICS:

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

- Big Data in Healthcare Systems- Challenges, Applications
- Advances in Deep learning, Machine Learning techniques
- Foundations of Healthcare Informatics
- Advanced Decision-Making using Healthcare Data Analytics
- Emergence of Decision Support Systems in Healthcare
- Big Data based frameworks for Healthcare Systems
- Predictive Analysis and Modeling in Healthcare Systems
- Machine Learning and Deep Learning Paradigms in Healthcare Systems and Informatics
- Security and Privacy in Healthcare Systems
- Role of Social Media in Healthcare Analytics
- Machine Learning and Deep Learning frameworks for Healthcare Systems
- Machine Learning and Deep Learning Algorithms for Healthcare Systems

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on [**Big Data, Machine Learning and Deep Learning for Healthcare Analytics**] on or before [20/4/21].
All submissions must be original and may not be under review by another publication.
INTERESTED AUTHORS SHOULD REFER THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS.

Write "**Big Data, Machine Learning and Deep Learning for Healthcare Analytics**" before

title first page of your paper and submit from the following link:

https://easychair.org/my/conference?conf=icdam2021

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

IMPORTANT NOTE: While submitting the paper in this special session, please specify [**Big Data, Machine Learning and Deep Learning for Healthcare Analytics**] at the top (above paper title) of the first page of your paper.