Third International Conference on Digital Data Processing
University of Bedfordshire
Luton. UK
November 27-29, 2023
www.socio.org.uk/ddp
(IEEE Xplore. Papers should follow the IEEE template)

Data grows voluminously and exponentially with heterogeneity and complexity. A single organization or industry processes more than a few million transactions hourly and stores several petabytes of data. We live in a world of tremendous pressure to analyze and process data more efficiently where the

Data analytics can reflect hidden patterns, incomprehensible relationships, intrinsic information relations, and segmentation. The data applications have introduced cutting-edge possibilities in every activity in our life. Thus, studying data and its underlying structure, dynamics of data relations, and newer data technologies are a never-ending process. The literature and research on data management are enormous; they do not sufficiently solve the data processing requirements.

Currently, the use of technology and interrelations among information pieces generate gargantuan amounts of data. Many studies tend to develop models and systems to analyze voluminous datasets. Analyzing the impact of data leads to application domains on decisions that have a systematic influence. Knowledge generated from the data analysis can enable the production of critical information for several domains.

Hence this conference reviews and discusses the recent trends, opportunities, and pitfalls of data management and how it has impacted organizations to create successful business and technology strategies and remain updated in data technology. This conference also highlights the current open research directions of data analytics that require further consideration.

The proposed conference will discuss topics not limited to

Data applications in various domains and activities

Data in cloud

Real-world data processing

Data inaccuracy and reliability issues

Data Ecosystem

Business Analytics

New data analytics techniques

Physical and management challenges

Privacy and Security

Crowdsourcing and Sensing

Data modelling

Deep learning techniques

Data fusion

Descriptive analytics, Diagnostic analytics, Predictive Analytics, and Prescriptive analytics

Machine learning

Network optimization

Data in Biomedical Engineering

Data in Materials science and mechanics

Data handling and applications in domains

Wireless Networking Data Management

Data of Electronic & Embedded Systems

Multi-media Systems Data

Artificial intelligence Models and Systems Data

E-Computing Data

Renewable Energies Data

Publications

DDP will be published by Conference Publishing Services (CPS)" . The DDP papers will be submitted for publication and indexing in IEEE Xplore. Besides, modified versions of the papers will appear in the following journals.

Journal on Data Semantics Technologies

Data Technologies and Applications

Webology

Journal of Digital Information Management

International Journal of Computational Linguistics

Journal of Optimization

International Journal of Distributed Systems and Technologies

Important Dates

Full Paper Submission: September 10, 2023
Notification of Acceptance/Rejection: October 10, 2023
Registration Due: November 10, 2023
Camera Ready Due: November 10, 2023
Workshops/Tutorials/Demos: November 28, 2023
Main conference: November 27-29, 2023
Post-conference proceedings: December 20, 2023

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Paper Submission: http://socio.org.uk/ddp/paper-submission/

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