CALL FOR PAPERS

Fourth International Conference on Digital Data Processing (DDP 2024)
Yeshiva University, New York, US
September 25-27, 2024
IEEE Xplore
(www.socio.org.uk/ddp)

Data grows voluminously and exponentially with heterogeneity and complexity. A single organization or industry processes over 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 theData 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 lives. Thus, studying data and its underlying structure, dynamics of data relations, and newer data technologies is 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 enormous 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

Besides, modified versions of the papers will appear in the following journals.

1. Journal on Data Semantics
2. Technologies
3. Data Technologies and Applications
4. Webology
5. Journal of Digital Information Management
6. International Journal of Computational Linguistics
7. Journal of Optimization
8. International Journal of Distributed Systems and Technologies1

Important Dates

Submission of Workshop Proposals:	March 31, 2024
Submission of Papers:	June 15, 2024
Notification of Acceptance/Rejection:	July 20, 2024
Camera-ready:	September 01, 2024
Registration:	September 01, 2024
Conference Dates:	September 25-27, 2024

Paper Submission

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