

**DaWak 2023**

## Call for Papers

The 25<sup>th</sup> International Conference on Big Data Analytics and Knowledge Discovery (DAWAK2023)

28-30 August 2023 Penang, Malaysia

### IMPORTANT DATES

**07 March 2023**

Paper submission

**10 May 2023**

Notification of acceptance

**01 June 2023**

Camera-ready copies due

**28-30 August 2023**

Conference days

### TOPICS

- Theoretical models for extended data warehouses and big data
- Conceptual model foundations for big data
- Modelling diverse big data sources
- Parallel processing
- Parallel DBMS technology
- Distributed system architectures
- Scalability and parallelization using Map-Reduce, Spark, and related systems
- Query languages
- Query processing and optimization
- Semantics for big data intelligence
- Data warehouse and data lake architectures
- Pre-processing and data cleaning
- Integration of data warehousing, OLAP cubes, and data mining
- Polystore and multistore architectures
- NoSQL storage systems
- Cloud infrastructures for big data
- Metadata for big data frameworks
- Big data storage and indexing
- Big data analytics: algorithms, techniques, and systems
- Big data quality and provenance
- Big data search and discovery
- Big data management for mobile applications
- Analytic workflows
- Graph analytics
- Analytics for unstructured, semi-structured, and structured data
- Analytics for temporal, spatial, spatio-temporal, and mobile data
- Analytics for data streams and sensor data
- Real-time/right-time and event-based analytics
- Privacy and security in analytics
- Data visualisation
- Big data application deployment
- Data science products
- Novel applications of text mining for big data

### Publication

All accepted conference papers will be published in a volume of "Lecture Notes in Computer Science" (LNCS) by Springer. LNCS volumes are indexed in the Conference Proceedings Citation Index (CPCI), part of Clarivate Analytics' Web of Science; Scopus; EI Engineering Index; Google Scholar; DBLP; etc. TOP papers, after further revisions, will be invited for publication in a SPECIAL ISSUE of DATA & KNOWLEDGE ENGINEERING (DKE) titled "Data Engineering, Data Analytics and Data science".

### Submission Guidelines

Authors are invited to electronically submit original research contributions or experience reports in English. DAWAK will accept submissions of both short (up to 6 pages) and full papers (up to 15 pages including references and appendixes).

### Submission Procedure

Papers submission will be managed using EquinOCS Springer Nature Conference Proceedings Submission System.

#### Papers submission:

<https://equinocs.springernature.com/service/DAWAK2023>

Authors should consult Springer's authors' instructions (<https://www.springer.com/gp/computer-science/lncs/conference-proceedings...>) and use the proceedings templates, either for LaTeX or for Word, for the preparation of their papers.

### Program Committee Chair

- Robert Wrembel, Poznan University of Technology, Poland
- Johann Gamper, Free University of Bozen-Bolzano, Italy

*Program Committees please refer to DAWAK2023 website*

**For further inquiries, please contact [dexa@iiwas.org](mailto:dexa@iiwas.org)**

**<https://www.dexa.org/dawak2023>**

Sponsors:

