

◆ IEEE 6th IEEE International Workshop on Data Science (IWDS 2018)

In conjunction with IEEE International Conference on Digital Information Management (ICDIM 2018)

September 24 - 26, 2018, Berlin, Germany

Workshop website: <https://iwdm.aut.ac.nz/iwds2018/>



Overview

Data Science Research Group (DSRG) at AUT is organizing the 6th IEEE International Workshop on Data Science (IWDS 2018) in conjunction with 13th IEEE International Conference on Digital Information Management (ICDIM 2018). The IWDS workshop aims at providing a forum for presenting latest research results, new technology developments, and new applications in the areas of Data Analytics, Data Mining, Machine Learning, Stream Data Processing, and Data Warehousing.

Topics

IWDS 2018 invites submissions under two tracks. Each track includes but not limited to the following topics:

1. Data Management

- Metadata and Ontologies Management
- Data Management in Clouds
- Data Management in Enterprise Applications
- Data Cleaning and Preparation
- Data Stream Processing
- Stream Data Management
- Data Capture in Real-time
- Big Data Issues and Applications
- Performance and Scalability
- Real-time Decision Support
- ETL for the Real-time Data Warehouse
- Knowledge Management and Engineering
- Novel Data Models
- Data Visualization
- IOT data management
- Applications for the Internet of Things

2. Data Analytics

- Regression, Clustering, and Classification
- Time Series Forecasting
- Mining Text and Semi-structured Data
- Mining Retail Data
- Mining Social Data
- Mining Stream Data
- Temporal and Spatial Data Mining
- Visual Data Mining
- Artificial Neural Networks, Deep Learning
- Fuzzy Logic and Rough Sets
- Decision Trees/Rule Learners
- Support Vector Machines
- Evolutionary Computation/Meta Heuristics
- Pattern Recognition and Behaviour Prediction
- Social Impact of Data Science
- Evaluation and Measurement in Data Science

All the accepted papers will appear in the proceedings published by IEEE and will be fully indexed by IEEE Xplore. Modified version of the selected papers will appear in the special issues of the following peer reviewed journals.

- Journal of Digital Information Management
- Journal on Data Semantics

Important dates

Paper submission: **August 10, 2018**
Notification of authors: **August 31, 2018**
Registration due: **September 10, 2018**
Camera-ready version: **September 10, 2018**
Workshop: **September 24, 2018**

Submissions

Please submit a PDF of your paper in IEEE format with maximum length of 6 pages using link below.
<https://easychair.org/conferences/?conf=iwds2018>

Contact

All questions about submissions should be emailed to Muhammad Asif Naeem, Organizing chair.

Email: [contact DOT iwds AT gmail DOT com](mailto:contact_iwds_AT_gmail_DOT_com).