

Call For Papers

11th edition of the Maghreb Conference on Advances of Decisional Systems

ASD 2017

April 27-29, 2017, Tabarka, Tunisia

<http://www.asd-conf.net>

Aims and Scope

Data Warehouse (DW) and Online Analytical Processing (OLAP) technologies are the core of current Decision Support Systems. Thus, DW and OLAP have been widely accepted as a key technology for enterprises and organizations to improve their abilities in data analysis and decision support. Research in data warehousing and OLAPing has then produced important technologies for the design, management and use of information systems for decision support. Nevertheless, the high maturity of these technologies as well as new data needs or applications not only demand more capacity or storing necessities, but also new methods, models, techniques or architectures to satisfy these new needs.

With the exponentially growing amount of information to be included in the decision making process, the data to consider becomes more and more complex in both structure and semantics. New developments such as cloud computing and Big Data add to the challenges with massive scaling, a new computing infrastructure, and new types of data.

Like the previous successful ASD Maghreb Conferences, The 11th edition of ASD 2017 will be held in the city of Tabarka (Tunisia) from 27 to 29 April 2017. The ASD 2017 edition will be organized by a young team from the University of Jendouba (Tunisia). ASD 2017 conference aims to synergically connect the research community and industry practitioners. It provides an international forum where both researchers and practitioners can share their findings in theoretical foundations, current methodologies, and practical experiences. This year, ASD conference will focus on new research directions and emerging applications in DW & OLAP. We are thus highlighting the utility of data science across Big data, lying at the intersection of databases, data warehouses, information retrieval and knowledge management.

Topics

Original papers dealing with both theory and/or applications of data warehouse technology and OLAP, distributed data warehouses and big data analytics are encouraged and solicited. The areas of interest include, but are not limited to, the following:

- Multidimensional modeling and data warehouse design
- Data cleaning, data integration, ETL tools (Extract-Transform-Load)
- On-Line Analytical Processing (OLAP)
- Query languages for multidimensional data
- Physical data warehouse design and performance evaluation
- Optimizations techniques for warehouses
- Data warehouse benchmarks

- Data mining & Discovery knowledge for decision making
- Advanced warehouses (XML-W, Text-W, multimedia-W...)
- Advanced warehouse applications
- Information retrieval and OLAP
- OLAP semantics (Social-OLAP, Active-W, ontology-based warehouses...)
- Data warehouse-based Open data, linked data

- Personalization and recommendation systems
- Business Intelligence & Cloud Computing
- Distributed data warehouses and parallel OLAP
- Big data management
- Data stream, Personal data- analysis
- Big data Analytics
- NoSQL-based data warehouses & OLAP
- Big data applications (Health, environment, educations...)
- Data warehouse Quality
- Data warehouse Security
- Data visualization

Important Dates

- Submission of abstracts : January 23, 2017
- **Paper submission** : January 31, 2017
- Notification of acceptance : March 12, 2017
- Camera-ready papers : March 31, 2017
- **Conference** : April 27 - 29, 2017

Submission Requirements

Authors are invited to submit original papers, written either in French or English not exceeding 12 pages in RNTI format.

All contributions should be in PDF or Word format and should be electronically submitted in anonymous way (see instructions for authors on the site), via the ASD 'Submission and Review System' website at: <http://www.asd-conf.net/soumission>

Please check out [Submission requirements](#) for more information.

Special issue in Journal

Authors of selected research papers will be invited to submit extended version (subject to additional reviewing) for publication in a special issue of the French recognized journal, **ISI** (Ingénierie des Systèmes d'Information), Hermès Editor.

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