CALL FOR PAPERS

6th Conference on Data Warehousing and On-Line Analysis (**EDA'10**)

Djerba –Tunisia (5* Hotel), 11-13 June 2010

(http://www.miracl.Rnu.tn/eda10)

Objective

The continuous increase in the volume of numerical data and the multiplicity of increasingly heterogeneous data sources (Web, specialized databases,…), combined with the pressing needs of organizations to exploit these data in a decision-making process, lead to the emergence of new problems that data warehousing and OLAP technologies continue to study. Current research axes are exploring the definition of new approaches for architecture, integration, modeling, querying and optimization.

The objective of this 6th French-speaking conference on Data Warehousing and on-line Analysis (EDA'10) is to offer an exchange framework between researchers, industrials and users interested by the last scientific advances in the field. The success of the first five editions of these days, which took place in France (EDA'05 in Lyon, EDA'06 in Versailles, EDA'07 in Poitiers, EDA'08 in Toulouse and EDA'09 in Montpellier), encouraged the EDA'10 edition to make a geographical jump over the Mediterranean leaving the hexagon to meet, for the first time, in Tunisia in the island of Jerba. This first tourist destination in Tunisia is located at about 50 km north of Medenine, between the peninsulas of Jorf and Zarzis. Jerba (514 km², 28 by 22 kilometers) is attached to the African continent by a viaduct that connects its south-eastern end to the peninsula of Zarzis.

For this new edition, we call upon the researchers and the experts of the field to present their work. We particularly encourage young researchers concerned with the topics of data warehousing to take part of this manifestation. This sixth edition intends to perpetuate and strengthen the community, by discussing new topics, their scientific aspects and novel applications.

The papers selected by the program committee will be published in **a special edition of the journal RNTI, published by Cépaduès Editions**.

Topics

The program committee of EDA'10 would like to encourage submissions of original scientific technical papers dealing with problematic pertinent to the following topics (a non exhaustive list):
- Data warehouse architecture
- Data warehouse design (conceptual, logical and physical models)
- Data integration, Extraction, Transformation and Load (ETL)
- Loading data warehouses from heterogeneous sources, refreshing
- Views materialization
- Physical organization of data and indexing
- Metadata Management and maintenance, data warehouse administration
- Multidimensional modeling

- Cloud data warehousing
- Multidimensional query languages, OLAP algebra
- Query optimization and tuning
- Data warehouse quality and integrity
- Data warehouse security and reliability
- Active, distributed, parallel, mobile, real-time data warehouses
- Complex and atypical data warehouses (text, semi-structured, spatial and spatiotemporal, fuzzy)
- Data warehouse design based on Web semantic, ontologies
- Data mining
- Data warehouse Applications: ERP, CRM, SRM, scientific, government, biomedical, legal,…
- Decisional benchmarking

Important Dates

Submission Deadline: 27 February 2010
Authors Notification: 12 April 2010
Camera-ready versions: 23 April 2010
Conference date: June 11-13, 2010

Scientific Committee

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Program Committee

 (see the web site http://www.miracl.rnu.tn/eda10)

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Instructions to authors

Authors are invited to submit research papers in French (or in English) relevant on above topics no longer than 15 pages. Submissions should be imperatively formatted according to the format of the review RNTI of Cépaduès (http://www.antsearch.univ-tours.fr:rnti). The accepted papers will be published in this format.

Submission will be through the EDA'10 web site http://www.miracl.Rnu.tn/eda10.