Call for papers
Second Conference on Data Warehousing and On-line Analysis
EDA 06

Versailles, France, June 19th, 2006

PRISM Laboratory – University of Versailles Saint-Quentin

http://www.prism.uvsq.fr/eda06
Email: eda06@prism.uvsq.fr

Goals

The development of all-digital sensors, the increasing volume of data they produce, its heterogeneity and the enhanced possibility of sharing all this information have brought unresolved needs and questions regarding their use and impact in decision. Traditional online warehousing techniques (OLAP) must therefore be revised: the architecture must adapt to the distributed aspect of data. Acquisition, cleaning and integration should be able to deal with the data streams produced by the sensors. Modelling, querying and analysis must be extended to complex data and could be improved by taking into account a priori models and additional knowledge. Finally, the nature and increasing volume of data motivate new performance evaluation techniques.

This French-speaking conference on Data Warehousing and On-line Analysis has the following aim: to create a context in which researchers, industrials and users interested in the breakthroughs in this field may meet, think and discuss. Following the first edition (EDA 05) a French-speaking community is emerging. This second edition intends to perpetuate and strengthen the community, by discussing new topics, their scientific aspects and novel applications.

Therefore, we would like to extend a call for papers to the researchers and the experts of this field, so that they may present their work. In particular, we encourage Ph.D. students concerned by these questions to participate in this conference, in order to make themselves known. We also invite software editors to participate, in order to demonstrate their new products.

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

Topics

The program comity would like to encourage the submission of original scientific or technical articles on the following topics:

- Data warehouse architecture
- Data warehouse conception
- Data integration

- Extract, Transform, and Load (ETL)
- Metadata management
- View materialization
- Physical organization and indexing of data warehouses
- Query optimization and tuning
- Multidimensional modelling
- Multidimensional query languages
- Data warehouse quality and integrity
- Data warehouse security and reliability
- Data warehouse refresh and administration
- On-line analysis
- Identifying interesting regions in a Cube
- Complex data warehouses (text, semi-structured, spatial, temporal, fuzzy, etc.)
- Active data warehouses
- Distributed or virtual data warehouses
- Mobile environment data warehouses
- Data warehouses and sensors
- Semantic data warehouses
- Data warehouses and information retrieval
- Applications: administration, science, medical, bioinformatics, ERP, CRM, BPM, BI, etc.
- Decisional benchmarking

Scientific Committee

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Paper submission

Authors are invited to submit research papers in French (or in English) on above topics no longer than 15 pages. Submissions should be formatted following the RNTI journal guidelines (http://www.antsearch.univ-tours.fr/rnti). Accepted papers will be published in this format.

Papers should be submitted electronically via the web site: http://www.prism.uvsq.fr/eda06

Important dates

Submission Deadline: February 10, 2006
Acceptance Notification: April 7, 2006
Camera-ready Copies: April 21, 2006
Conference date: June 19, 2006

Location

Université de Versailles-Saint-Quentin
45 Avenue des Etats-Unis
78000 Versailles, France.