



Call for Papers
ACM 9th International Workshop
on Data Warehousing and OLAP
(DOLAP 2006)
Friday, November 10, 2006,
Arlington, VA, USA
in conjunction with CIKM 2006

*Research in Data Warehousing and OLAP has produced important technologies for the design, management and use of information systems for decision support. Much of the interest and success in this area can be attributed to the need for software and tools to improve data management and analysis given the large amounts of information that are being accumulated in corporate as well as scientific databases. 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. Some of the hot topics in data warehouse research include distributed data warehouses, web warehouses, data streaming, GIS or biomedical data. Moreover, there are other aspects developed in other software areas such as security or quality, which still remain unexplored by current design methods or technologies for data warehouses. Like the previous successful DOLAP workshops, **DOLAP 2006 aims to synergistically connect the research community and industry practitioners as an international forum where both researchers and practitioners can share their findings in theoretical foundations, current methodologies, and practical experiences.** DOLAP will focus on new research directions and emerging application domains in the areas of data warehousing and OLAP.*

WEB SITE

<http://www.cis.drexel.edu/faculty/song/dolap.htm>

<http://www.cs.uoi.gr/~dolap06>

CONTACTS

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Research track

- Data warehousing foundations and architectures
- Data warehouse design
- Maintenance and evolution of data warehouses
- Source integration
- Data extraction, cleaning and loading
- Data warehouse consistency and quality
- Active/Real-Time data warehouses
- Lineage Tracing
- Multidimensional modeling and queries: languages, optimization, processing
- Visualization
- Metadata management
- View materialization
- Physical organization of data warehouses
- Performance optimization and tuning
- Web warehousing
- Data warehousing and the semantic web
- Data warehousing with unstructured data (e.g., text) and semi-structured data (e.g., XML)
- Multimedia data warehouses
- Biomedical data warehouses
- Data warehousing & OLAP in mobile and wireless environments
- Frameworks for Business Process Management (BPM) and Business Intelligence (BI)
- Tools for data warehousing and OLAP
- Integration of data warehouses/OLAP and data mining
- Integration of OLAP and Information Retrieval
- Warehousing Stream and Sensor data: integration, aggregation and approximation
- Security in data warehouses
- Personalization
- OLAP and what-if analysis
- Software Engineering techniques for DW&OLAP
- Knowledge-based approaches to DW&OLAP
- AI techniques for DW& OLAP

Industry track

- Experience and lessons in data warehousing projects and applications
- Administration tools
- Benchmarks
- Tools for data warehousing and OLAP
- Data warehousing and Enterprise Resource Planning Data warehousing and Customer Relationship Management (CRM)
- Solutions for Business Process Management (BPM) and Business Intelligence (BI)

IMPORTANT DATES

Submission of papers : July 14, 2006

Notification of acceptance: August 14, 2006

Camera Ready versions due: August 31, 2006

Workshop date: November 10, 2006

PROGRAM COMMITTEE

Alberto Abello	<i>Universitat Politècnica de Catalunya</i>
Antonio Badia	<i>University of Louisville, USA</i>
Chung-Min Chen	<i>Telcordia Technologies, USA</i>
Rick Cole	<i>IBM Silicon Valley Laboratory, USA</i>
Karen Davis	<i>University of Cincinnati, USA</i>
Antonis Deligiannakis	<i>University of Athens, Greece</i>
Todd Eavis	<i>Concordia University, Canada</i>
Helena Galhardas	<i>INESC-ID, Portugal</i>
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Panos Vassiliadis	<i>University of Ioannina, Greece</i>
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SUBMISSION INSTRUCTIONS

Manuscripts should be formatted using the ACM camera-ready templates (both for MS word and Latex) available at <http://www.acm.org/sigs/pubs/proceed/template.html>. There are two styles on the website. Both the *Strict Adherence to SIGS* and the *Tighter Alternate* style are allowed. Papers cannot exceed 8 pages in length. A website with camera-ready instructions is available at <http://www.sheridanprinting.com/typedepot/cikm.htm>.

Emphasis will be given to papers extending data warehousing to novel areas and applications. Full papers should be submitted by **July 14, 2006**.

Papers will be reviewed by the program committee for their technical merit, originality, significance, readability, and relevance to the workshop. Authors will receive notification of acceptance/rejection by **August 14**. Camera-ready copies of accepted papers are due on **August 31**, and will be published in the workshop proceedings by ACM Press.

The best papers of DOLAP 2006 will be considered for a special issue of DKE.

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