



DOLAP 2007 Opening

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daisy

Center for Data-intensive Systems

DOLAP'07 Welcome



- 10th anniversary of DOLAP !
 - Happy birthday !
- DW/OLAP started appearing as a topic in the DB community around 1995
- DOLAP started 1998
- And now, DOLAP has "grown up"
- What will the 20th DOLAP look like ?
 - Will DOLAP even be there in 10 years ?
 - I think it will, but this requires us to seek new challenges
 - Wait for the panel discussion at the end of the day !



DOLAP'07 Papers



- 28 submissions
 - Asia, Europe, North America
- 12 papers accepted
- NEW: The best papers of DOLAP'07 will be invited to submit extended versions for a special issue of *Information Systems*
 - The selected authors will be contacted by me today, so stay here all day 😊

DOLAP'07 Program



Welcome (08:30 - 08:45)

Session 1: Data Warehouse Design (08:45 - 10:15)

- Oscar Romero and Alberto Abello: Automating the Multidimensional Design from Ontologies
- Il-Yeol Song, Ritu Khare, Bing Dai: SAMSTAR: A Semi-Automated Lexical Method for Generating STAR Schemas from an ER diagram
- Kamel Aouiche and Daniel Lemire: A Comparison of Five Probabilistic View-Size Estimation Techniques in OLAP

Coffee Break (10:15 - 10:30)

Session 2: Physical Data Organization (10:30 - 12:00)

- Ekow Otoo, Doron Rotem, Sridhar Seshadri: Optimal Chunking of Large Multidimensional Arrays for Data Warehousing
- Rokia Missaoui, Cyril Goute, Anicet Choupo, Ameer Boujenoui: A Probabilistic Model for Data Cube Compression and Query Approximation
- Michal Stabno, Robert Wrembel: RLH: Bitmap Compression Technique Based on Run-Length and Huffman Encoding

Lunch (12:00 - 13:30)

Session 3: Data Warehouse Processing (13:30 - 15:00)

- Vasiliki Tziouvara, Panos Vassiliadis, Alkis Simitis: Deciding the Physical Implementation of ETL Workflows
- Maik Thiele, Ulrike Fischer, Wolfgang Lehner: Partition-based Workload Scheduling in Living Data Warehouse Environments
- Frank Dehne, Todd Eavis, Andrew Rau-Chaplin: Efficient Computation of View Subsets

Coffee Break (15:00 - 15:30)

Session 4: Spatio-Temporal Data Warehouses and Data Mining (15:30 - 17:00)

- Ariel Escribano, Leticia Gomes, Bart Kuijpers, Alejandro Vaisman: Piet: a GIS-OLAP Implementation
- Elverijus Kondratas, Igor Timko: CT-OLAP: Temporal Multidimensional Model and Algebra for Continuous Changes
- Marc Plantevit, Sabine Goutier, Francoise Guisnel, Anne Laurent, Maguelonne Teessiere: Mining Unexpected Multidimensional Rules

Coffee Break (17:00 - 17:15)

Session 5: Panel: Research Challenges for DW and OLAP Seen From Industry and Academia (17:15-18:30)

- Morten Middelfart: Improving Business Intelligence Speed and Quality through the OODA Concept
- Stefano Rizzi: OLAP Preferences: A Research Agenda
- Torben Bach Pedersen: Warehousing The World: A Few Remaining Challenges
- Jens Otto Sørensen: Even straight forward Data Warehouses are complicated



Free Wifi



- For use during breaks only 😊
- Network: CIKM2007
- Key: 11111

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- The DOLAP'07 PC
 - For providing quality reviews (mostly...) on time !
- DOLAP'07 authors and participants
 - For supporting DOLAP with its content

