Call for Papers
ADBIS 2011

Fifteenth East-European Conference on
Advances in Databases and Information Systems
September 19th–23rd, 2011, Vienna, Austria
http://www.ifs.tuwien.ac.at/ADBIS2011/
http://www.easychair.org/conferences/?conf=adbis2011

AIMS AND SCOPE

The main objective of the ADBIS series of conferences is to provide a forum for the dissemination of research accomplishments and to promote interaction and collaboration between the database and information systems research communities from Central and East European countries and the rest of the world. The ADBIS conferences provide an international platform for the presentation of research on database theory, development of advanced DBMS technologies, and their advanced applications.

The conference will consist of regular sessions with technical contributions (regular papers, short papers) reviewed and selected by an international program committee, as well as of invited talks and tutorials presented by leading scientists. The official language of the conference will be English.

TOPICS

Original papers dealing with theory and/or applications of database technology and information systems engineering are solicited. The areas of interest include, but are not limited to, the following:

- New data base architectures, distributed data management (e.g., data streams, P2P, replication, and cloud)
- Theoretical foundations of data bases and information systems
- Innovative data management applications (e.g., Web services and mashups, social networks, scientific databases, sensor networks, decision-making and analytics, etc.)
- Data models and languages (e.g., semi-structured, probabilistic, multi-media, temporal, spatial)
- Semantic information processing (ontologies, interoperability, meta modeling, etc.)
- Workflow and process management
- Data and information systems integration and interoperability, meta-data management, data quality, data cleaning
- Data warehouses and data mining
- Performance, scalability and dependability of databases and information systems
- Benchmarking and experimental methodology
- Other aspects of modern information systems such as data security, data privacy, personalization, user interfaces, etc.

SUBMISSION

Contributions are solicited for the following categories:

- full research papers describing research accomplishments (14 pages LNCS format),
- demonstrations and short papers, i.e. experience reports, project overviews, etc. (8 pages LNCS format)

All submissions will be evaluated by the at least three members of the international program committee with respect to originality, technical quality, validity, contribution, and presentation. The program committee may decide to accept a submission as a short paper (2000–3000 words) if it reports interesting results, ideas, or experiences, but could not be selected as full paper.

Full research papers will be published in the LNCS series of Springer Verlag. Short communications will be included in additional proceedings published in CEUR-Workshop proceedings. A selection of outstanding papers from the conference may be invited for publication in an internationally recognized journal (subject to additional reviewing). All contributions have to be in PDF format using the LNCS style (http://www.springer.com/computer/lncs) and have to be submitted electronically at 'http://www.easychair.org/conferences/?conf=adbis2011'. See details at the conference site. Submissions which have more than 16 pages will be rejected automatically.

Research papers must be original contributions and must not be accepted or submitted elsewhere until the decisions of the ADBIS 2011 program committee are announced. At least one author from every submission accepted to appear in the proceedings is obliged to register and attend the conference.

AWARDS

The best paper authored by a student as main author will receive an award.

TIME TABLE

April 7th, 2011	Submission of abstracts
April 14th, 2001	Submission of papers
May 31st, 2011	Notification of acceptance:
June 24th, 2011	Camera-ready papers
Sept.19–24th, 2011	Workshops and Conference

Conference Venue

ADBIS 2011 will be held in the main building of the Vienna University of Technology (TU Vienna) Vienna, Austria. The TU Vienna is among the most successful technical universities in Europe and is Austria's largest research and educational institution in the area of technical sciences.

Vienna, the capital of Austria, is a city of over 1.8 million inhabitants. It is one of the great cultural centers of Europe with a continuous history of more than 2000 years. During the Middle Ages, Vienna rose to importance in connecting central Europe with the East, and eventually became the capital of the vast Habsburg empire. The exceptional concentration of talent, reflected by the great achievements in music, art, and the sciences, was a consequence of Vienna's role as a meeting place of a large number of different nations and traditions. Although much reduced in importance by the break-up of the Austro-Hungarian monarchy at the end of World War I, and placed on the periphery of the western world as a consequence of World War II, Vienna has retained its role as one of the leading capitals of Europe. Since the fall of the Iron Curtain it has successfully resumed its tradition of connecting the East and the West.

Today Vienna is a thriving international city, integrating the rich inheritance of a glorious past with a dynamic approach to the modern world. As a seat of numerous international organizations and an important turntable for business enterprises, Vienna is at the same time a city of operas, concert halls, theatres, universities, museums, and, last but not least, of coffee houses and "Heurigen". It's maybe this combination which makes Vienna such a favored destination for conferences and conventions.

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