



Call for Papers

# ADBIS'2004

Eighth East-European Conference on Advances in Databases  
and Information Systems

September 22-25, 2004, Budapest, Hungary

[www.sztaki.hu/conferences/ADBIS/](http://www.sztaki.hu/conferences/ADBIS/)

In co-operation with the Moscow ACM SIGMOD Chapter, Eotvos Lorand University Budapest, Computer and Automation Research Institute of the Hungarian Academy of Sciences  
Co-operation with ACM SIGMOD and SIGKDD is also envisaged.

## AIMS AND SCOPE

The main objective of the ADBIS series of conferences is to provide a forum for the dissemination of research accomplishments and 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 continues the ADBIS series of events held in St. Petersburg (1997), Poznan (1998), Maribor (1999), Prague (2000), Vilnius (2001), Bratislava (2002), and Dresden (2003). Actually, as an international event, the ADBIS conferences started with three international workshops in Moscow in 1994 – 1996. Therefore ADBIS'2004 will in fact be the 11<sup>th</sup> ADBIS event.

ADBIS'2004 will consist of regular sessions with technical contributions 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 both theory and/or applications of database technology and information systems are solicited. The areas of interest include, but are not limited to, the following:

- database theory,
- data modeling and database design,
- physical database design and performance evaluation,
- database systems architectures,
- activity modelling, advanced transaction, and workflow management,
- advanced databases (object-oriented DB, constraint DB, web-based DB, multimedia DB, temporal and spatial DB, deductive and active DB, image and voice DB, etc.),
- advanced information systems (GIS, intelligent IS, component-based IS, etc.),
- core database technology,
- advanced database applications,
- heterogeneous databases interoperability and mediation,
- database and knowledge-base management systems and technology,
- text management, metadata repositories,
- data mining, data warehousing, and knowledge discovery,
- data quality,
- XML and databases,
- e-business and e-commerce,
- web-based and distributed information systems,
- enterprise and cross-enterprise information systems,
- mobile computing and agents,
- information systems and software systems engineering,
- information system security,
- data grids,.
- scientific databases,
- stream databases,
- information fusion,
- sensor data and sensor networks,
- personalization.

## SUBMISSION

We solicit contributions of the following form:

- full research papers describing research accomplishment (approximately 5000 words),
- short research papers that report interesting results and do not justify a full paper (2000 - 3000 words),
- communications, i.e. experience reports, surveys, project overviews, etc. which do not fully adhere to the standards of a first rate scientific publication, but are nevertheless of interest and value for the participants of the conference,
- proposals for tutorials and panels.

Research papers should be original contributions, not accepted or submitted elsewhere. Research papers will be published in the LNCS series of Springer Verlag. Communications will be included in additional local proceedings.

There is an intention to publish a selection of outstanding papers in an internationally recognised journal (a subject of additional review process).

We can only accept electronic submissions in Postscript, PDF or RTF format. Already at the submission stage, authors are encouraged to consider the final paper format requirements, as specified at [Springer LNCS publisher's guidelines](#). Your manuscripts must be accompanied by a signed [copyright form](#).

Additionally, for each paper send the first page in ASCII (text-format) containing title, authors, affiliation, contact information, abstract and keywords.

Papers shall be submitted at <http://www.sztaki.hu/conferences/ADBIS/>

## AWARDS

The best paper authored solely by students will be awarded. Please indicate in your submission, whether it is a student paper. Limited support will be available for student authors from European countries in transition. Authors wishing to apply for such support are requested to indicate this on the Submission Form.

## TIME TABLE

Submission of abstracts:	March 15, 2004
Paper submission:	March 22, 2004
Notification of acceptance:	May 23, 2004
Camera-ready papers:	June 14, 2004
Early registration deadline:	August 15, 2004
Conference:	September 22-25, 2004

## CONFERENCE ORGANISATION

### General Chair:

Andras Benczur, head of the Department of Information Systems, Eotvos Lorand University, Budapest

### Local Program Committee Co-Chairs:

Janos Demetrovics, Computer and Automation Research Institute of the Hungarian Academy of Sciences

### Program Committee:

Will be given later

### Organising Committee Chair:

Gusztáv Hencsey, Computer and Automation Research Institute of the Hungarian Academy of Sciences

### ADBIS Steering Committee Chair:

Leonid Kalinichenko, Russian Academy of Science (Russia)

### ADBIS Steering Committee:

Andras Benczur (Hungary)	Mikhail Kogalovsky (Russia)	Boris Rachev (Bulgaria)
Radu Berbaru (Romania)	Yannis Manolopoulos (Greece)	Anatoly Stogny (Ukraine)
Albertas Caplinskas (Lithuania)	Rainer Manthey (Germany)	Bernhard Thalheim (Germany)
Johann Eder (Austria)	Tadeusz Morzy (Poland)	Tatjana Welzer (Slovenia)
Janis Eiduks (Latvia)	Pavol Navrat (Slovakia)	Viacheslav Wolfengagen (Russia)
Hele-Mai Haav (Estonia)	Boris Novikov (Russia)	
Mirjana Ivanovic (Yugoslavia)	Jaroslav Pokorny (Czech Republic)	

## CONFERENCE VENUE

**Budapest**, one of the most beautiful historical capitals in Europe, situated on the banks of the Danube, will host the Conference. The architectural beauty with its monuments from neo-classic through baroque to eclectic art nouveau is prevalent in the city. Budapest is also world famous for its artistic abundance of concerts, operas, recitals, galas and exhibitions. It is a perfect place not only for tourists, but for foreign visitors attending conference, the city has something to offer everyone with a few hours to spend after work or between meetings. The Conference will take place at the Agro Hotel Conference Center on Svab Hill, a nice, silent part of Buda, offering beautiful panoramas of the city. The hotel provides a theatre style conference room, further rooms with flexible walls for parallel sessions, exhibition space, panorama terrace, reception room. .

## CONTACT ADDRESS

### ADBIS 2004 Secretariat

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