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 conferences held in St. Petersburg (1997), Poznan (1998), Maribor (1999), Prague (2000), Vilnius (2001), Bratislava (2002), Dresden (2003), and Budapest (2004). The Conference will consist of regular sessions with technical contributions reviewed and selected by an international program committee, as well as of invited talks and tutorials given 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, web-based DB, multimedia DB, temporal and spatial DB, deductive and active DB, multimedia DB etc.),
- advanced information systems (GIS, intelligent IS, component-based IS, web IS, etc.),
- advanced database applications,
- heterogeneous databases interoperability and mediation,
- data and knowledge grids
- semantic-based knowledge systems,
- data mining, data warehousing, and knowledge discovery,
- data quality,
- XML and databases, web services
- e-business, e-commerce, and e-learning
- distributed information systems,
- cross-enterprise information systems,
- mobile computing and agents,
- information systems and software systems engineering,
- information system security,
- data streams

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 and will be published electronically as CEUR Workshop Proceedings at http//ceur-ws.org. 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 http://www.cs.ioc.ee/adbis2005. Papers shall be submitted electronically via electronic Review System at http://www.cs.ioc.ee/adbis2005.

AWARDS

The best paper authored solely by students will be awarded. Please indicate in your submission, whether it is a student paper.

TIMETABLE

Submission of abstracts:	February 28, 2005	Notification of acceptance:	May 2, 2005
Paper submission:	March 7, 2005	Camera-ready papers:	May 30, 2005
Tutorials and panels submission:	March 7, 2005	**Conference:**	**September 12-15, 2005**

CONFERENCE ORGANISATION

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Jaan Penjam, Institute of Cybernetics at Tallinn University of Technology, Estonia, jaan@cs.ioc.ee

General Co-Chair:
Ahto Kalja, Department of Computer Engineering of Tallinn University of Technology, Estonia, ahto@cs.ioc.ee

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CONFERENCE VENUE

The Conference will be held in Tallinn, Estonia, in **The House of the Brotherhood of Blackheads** located in the Old Town of Tallinn. The House of the Brotherhood of Blackheads is nearly the only preserved Renaissance building in Tallinn.

Tallinn is one of the best-retained medieval European towns with its web of winding cobblestone streets, which developed in the 11th to 15th centuries, preserved nearly in its entirety. The Old Town of Tallinn has been inscribed on UNESCO's World Heritage List. The golden era in Tallinn's history lies in the period between the early 15th and mid 16th centuries. Tallinn had attained fame and a powerful role in the Baltic Sea area through its membership in the Hanseatic League. A walk through Tallinn's Old Town brings a heightened understanding of the rich history of the town, as well as a mysterious sense of the atmosphere of the old days, a unique chance to experience the layers of time.

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