

21st European Conference on Advances in Databases and Information Systems

Hilton Hotel, Nicosia, Cyprus, 24 - 27 September

OVERVIEW OF THE CONFERENCE

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 system research communities from 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 organizer of the conference is the **University of Cyprus, Department of Computer Science.**

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. A Doctoral consortium and different Workshops will be held in line with the main conference.

PAPER PUBLISHING

ADBIS accepted research papers will be published in a Springer **Lecture Notes in Computer Science** volume. Papers must not exceed 14 pages in the LNCS format. For camera-ready papers use Latex or Word style (find here <http://www.springer.com/computer/lncs?SG-WID=0-164-2-793332-0&changeHeader>). The program committee may decide to accept a submission as a short paper if it reports interesting results but does not justify publication of a full paper. ADBIS short research papers must not exceed 8 pages. The best paper authored solely by students will receive an award.

Best papers of the main conference will be invited for submission in special issues of the ISI-indexed journals Information Systems (<http://www.journals.elsevier.com/information-systems/>) and Informatica (<http://www.informatica.si/>)

CONTACT

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**Local Arrangements:
Easy Conferences**

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VENUE : Hilton Hotel - 5*

Hilton Cyprus is the only five-star hotel in Nicosia and counts 40 years of operation. Just 35 minutes from Larnaca International Airport, 1 hour and 36 minutes from Paphos International Airport and only 10 minutes walking distance from the city centre, shopping and entertainment areas; conveniently located next to the business district.

IMPORTANT DATES

March 30, 2017 - Submission of papers

May 25, 2017 - Notification of acceptance

June 15, 2017 - Camera-ready papers

CONFERENCE ORGANIZATION

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Doctoral Consortium Chairs

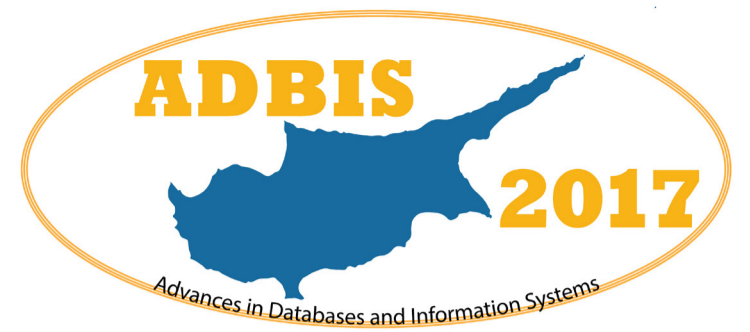
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GENERAL RULES

- Papers must be written in English.
- Papers must contain previously unpublished work and not be submitted concurrently to another conference.
- Papers are submitted using an electronic submissions system, as detailed below.
- An Author of an accepted paper must register to ADBIS 2017 in order to have the paper published.
- Accepted papers must be presented at the conference by one of the authors.
- ADBIS papers must be submitted via the EasyChair system: <https://easychair.org/conferences/?conf=adbis2017>.
- Papers must be submitted as a single PDF document
- Authors of accepted papers must submit along with the camera-ready version of their paper a copyright form filled (<http://www.cyprusconferences.org/adbis2017/files/springerform.pdf>) and signed. Please note that only authors employed by the EU (as an institution) tick the relevant box. Authors who simply reside or work in an EU country should not tick this box.

SUBMISSION

We invite original papers describing results that broadly belong to both theory and practice of databases and information systems. The list of specific topics of interest follows, with a note that it is not exhaustive and we welcome novel results addressing topics not included in the list.

TOPICS

- Data intensive sciences and databases
- Theoretical foundations of databases
- Management of large scale data systems
- Data models and query languages
- Database monitoring and (self-)tuning
- Data curation, annotation, and provenance
- Data warehousing, OLAP, and ETL tools
- Indexing, query processing and optimization
- Data mining and knowledge discovery
- Big data storage, replication, and consistency
- Modeling, mining and querying user generated content
- Data quality and data cleansing
- Web, XML and semi-structured databases
- Sensor databases and mobile data management
- Text databases and information retrieval

STEERING COMMITTEE

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 - Viacheslav WOLFENGAGEN, Russia
 - Robert WREMBEL, Poland
 - Ester ZUMPANO, Italy
- Probabilistic databases, uncertainty and approximate querying
 - Temporal and spatial databases
 - Graph databases
 - Databases on emerging hardware architectures
 - Distributed data platforms, including Cloud data systems, key-value stores, and Big Data systems
 - Information extraction and integration
 - Streaming data analysis
 - Scalable data analysis and analytics
 - Data and information visualization; and user interfaces
 - Information quality and usability
 - Information system architectures and networking
 - Business process modeling and optimization
 - Data and information flow engineering and management
 - Context-aware and adaptive information systems
 - Data and information intensive services
 - Requirements engineering for databases and information systems
 - Artificial intelligence in databases and information systems
 - Data, information, and information systems security
 - Innovative platforms for data and information handling
 - Innovative approaches for database and information systems engineering
 - Novel database and information systems applications

