



## Aims and Scope

ADBIS conferences aim at providing a forum where researchers and practitioners in the fields of **Databases** and **Information Systems** can interact, exchange ideas and disseminate their accomplishments and visions. Inaugurated 19 years ago, ADBIS originally included communities from Central and Eastern Europe, however, throughout its lifetime it has spread and grown to include participants from many other countries across the world.

For its *first time in France*, the ADBIS 2015 conference will be held in Poitiers, September 8-11, 2015 and will continue the tradition by promoting this growth and providing a platform for researchers and practitioners to present their results. ADBIS 2015 will consist of regular sessions with technical contributions (regular and short papers) reviewed and selected by an international program committee, as well as invited talks and tutorials presented by leading scientists. The official language of the conference is English. A doctoral consortium and various workshops will be held alongside the main conference.

## Call for Papers

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 this list.

- Benchmarking and experimental methodology
- Big data storage, replication and consistency
- Business process modelling and optimization
- Complex event processing and messaging analytics
- Complex queries and key search
- Database monitoring and (self-)tuning
- Data curation, annotation and provenance
- Data intensive sciences and databases
- Clouds and virtualization
- Context-aware and adaptive IS
- Data privacy and security
- Data processing in social networks
- Data quality and data cleansing
- Data models and query languages
- Data structures and indexing
- Data mining and knowledge discovery
- Data warehousing, OLAP and ETL tools
- Databases on emerging hardware architectures
- Information extraction and integration
- Information extraction from unstructured databases
- Information system architecture, networking and security
- Innovative platforms and novel applications
- Integrity and security for IS
- Query and data-flow processing and optimization
- MapReduce architectures and multi-data model support
- Management of large scale data systems
- Meta-data management
- Multi-media, temporal and spatial databases
- Probabilistic databases, uncertainty and approximate querying
- Scalable data analysis
- Service oriented architectures
- Sensor databases and mobile data management
- Social networks, streaming data analysis
- Theoretical foundations of databases
- User interfaces and data visualization
- Web, XML and semi-structured databases

## Paper Publishing and Awards

ADBIS research papers will be published in a Springer-Verlag LNCS volume. Papers must not exceed 14 pages in the LNCS format (Latex style only for camera-ready papers). The program committee may decide to accept a submission as a short paper if it reports interesting results but does not justify a publication as a full paper.



**Best papers will be invited for submission in special issues of the following Journals: Information Systems, Elsevier, and International Journal on Semantic Web and Information Systems, both ISI-indexed Journals.**

The Doctoral Consortium papers will be published together with ADBIS workshops proceedings, by Springer in the Advances in Intelligent Systems and Computing series. The authors of best DC submissions will be invited to provide an extended version to an international journal (acceptance is subject to further reviewing).

A volume with all workshop papers will be published by Springer in the Advances in Intelligent Systems and Computing series, for distribution among workshop participants.

## Important Dates

### Main conference

*Submissions:* March 30, 2015  
*Acceptance:* May 25, 2015  
*Camera-ready:* June 15, 2015  
*Conference:* Sept. 9-11, 2015

### Workshops

*Submission:* Jan. 12, 2015  
*Acceptance:* Jan. 26, 2015  
*Satellite Events:* Sept. 8, 2015

### PhD Consortium

*Submission:* May 12, 2015  
*Acceptance:* June 8, 2015  
*Camera-ready:* June 15, 2015  
*PhD consortium:* Sept. 8, 2015

## Submission Guidelines

Each submitted work must adhere to the following rules regarding the respective paper:

- Papers must be written in English.
- Papers must contain previously unpublished work and not be submitted concurrently to another conference.
- Papers must be submitted as a single PDF document, via the *Easychair* system (to be specified on the website).
- An author of an accepted paper must register to ADBIS 2015 in order to have the paper published.
- Accepted papers must be presented at the conference by one of the authors.

## ADBIS Steering Committee

### Chair of the Steering Committee

- Leonid KALINICHENKO, Russian Academy of Science, Russia

### Members of the Steering Committee

- |                                  |                               |                                     |                                  |
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| • Paolo ATZENI, Italy            | • Mirjana IVANOVIC, Serbia    | • Joris MIHAELI, Israel             | • Boris RACHEV, Bulgaria         |
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| • Hele-Mai HAAV, Estonia         |                               |                                     |                                  |

## ADBIS 2015 Conference Organization

### General Chair

- Ladjel BELLATRECHE, ISAE-ENSMA, Poitiers, France

### Program Committee Co-Chairs

- Patrick VALDURIEZ, INRIA, Montpellier, France
- Tadeusz MORZY, Poznan University, Poland

### Workshop Co-Chairs

- Athena VAKALI, Aristotle University of Thessaloniki, Greece
- Bernhard THALHEIM, Kiel University, Germany

### PhD Consortium Co-Chairs

- Sofian MAABOUT, Labri, Bordeaux, France
- Boris NOVIKOV, St Petersburg University, Russia

### Proceedings Chair

- Stéphane JEAN, University of Poitiers, France

### Publicity Chair

- Selma KHOURI, ISAE-ENSMA, France

### Website Chair

- Mickael BARON, ISAE-ENSMA, Poitiers, France

### Local Organizing Committee Chair

- Ladjel BELLATRECHE, ISAE-ENSMA, Poitiers, France

## Program Committee

Researchers from all over the world – a full list of PC members is provided on the conference website: <http://adbis2015.ensma.fr>

## Conference Location

### Poitiers and its surroundings: culture and leisure

Poitiers, a warm and lively city with many narrow alleyways situated around its historic university, one of the oldest in Europe. It is a favourite stopover for Romanesque art lovers who are able to find many different reasons to stroll around and discover the town. In the north, across the *Clain Valley*, sports fans will be just as delighted with the lake at St-Cyr and the International Welcome Centre which includes a wide variety of sports and leisure activities.



### Futuroscope: the European park of the moving images



Just outside Poitiers on a great green plain, futuristic shapes puncture the skyline. It's as if all the far-fetched settings from the science fiction movies have been beamed down to earth. These are the pavilions of *Futuroscope* and what goes on inside them can be breath-taking. You can experience the magic of massive 3D cinema, virtual reality simulator rides and the latest in communication technologies.

There are 22 of the world's largest and most exciting visual presentations, ranging from classics like Mount Everest and The Grand Canyon to the very latest in dynamic entertainment (<http://www.futuroscope.com>).

## Conference Venue

The conference will be held in the National Engineering School for Mechanics and Aerotechnics (ISAE-ENSMA), Poitiers, France (<http://www.ensma.fr>). Founded in Poitiers in 1948, ENSMA has been located since 1993 next to the Futuroscope. In fifty years, this school has acquired a reputation for excellence by training more than 4500 high level engineers, supported by a world famous research programme developed through multiple partnerships with large companies.

