SEBD 2012

20mo Convegno Nazionale su Sistemi Evoluti per Basi di Dati
20th Italian Symposium on Advanced Database Systems

24 — 27 June 2012, Venice

Currently at its twentieth edition, SEBD is the major annual event of the Italian research community in the database field.

The symposium is thought of as a gathering forum to meet, discuss and exchange experience among all those who, both in the academy and industry, who are interested in database theory and systems, and in all their broad range of applications.

Important Dates

Abstract submission
March 28, 2012

Paper submission
April 4, 2012

Notification of acceptance
May 7, 2012

Camera-ready
May 18, 2012

Early Registration
May 18, 2012

Organization

General Chair

Letizia Tanca
Politecnico di Milano

Program Chair

Nicola Ferro
Università degli Studi di Padova

Local Organization Chair

Gianmaria Silvello
Università degli Studi di Padova

About the Conference

Relevant topics for the SEBD 2012 include, but are not limited to:

- Access methods, indexing, and physical design;
- Data structures and algorithms for data management;
- Transaction and workflow management;
- Distributed and parallel databases;
- Grid, peer-to-peer databases and cloud computing;
- Real-time, embedded, sensor, and mobile databases;
- Domain-specific databases (multi-media, scientific, statistical, spatial, temporal, geographic);
- Data in social networks;
- Active databases;
- Object-oriented databases;
- Deductive Databases and knowledge bases;
- Graph databases;
- Data models and database design;
- Incompleteness, inconsistency, and uncertainty in databases;
- Query languages;
- Query processing and optimization, approximate query answering;
- Semi-structured data, including XML and RDF;
- Data mining, knowledge discovery, information extraction, and machine learning;
- Data warehousing;
- Data integration;
- Meta-data management, data quality, data provenance, data cleaning;
- Data visualization;
- Semantic-Web data;
- Ontology-based data management;
- Information retrieval and digital libraries;
- Interoperability and Web services;
- Privacy, security, and trust management;
- Performance, scalability and dependability;
- Benchmarking and performance evaluation.

It will be assigned a best student paper award. Students and post-docs researchers are strongly encouraged to submit papers.

At SEBD 2012 we plan to continue the Poster Track introduced at SEBD 2011. Regardless of their original form some of the submissions might be accepted as a poster paper.

Submission Instructions

SEBD 2012 invites submissions of research, industry, and application contributions as well as software demonstrations.
Research papers (12 pages max.), describing original ideas on fundamental aspects of all forms of database systems and technology, are solicited. Moreover, extended abstracts (8 pages max.) containing descriptions of ongoing projects or presenting results already published are also welcome.
Papers will be peer-reviewed by at least 3 members of the program committee.

http://sebd2012.dei.unipd.it/