

22nd International Conference on Scientific and Statistical Database Management

June 31 – July 2, 2010, Heidelberg, Germany

<http://www.ssdbm2010.org>



The SSDBM conference series focuses on concepts, tools, and techniques for scientific and statistical database applications. The 2010 meeting marks the 22nd time that scientific domain experts, database researchers, practitioners and developers will come together to share their new insights and to discuss future research directions in a stimulating environment. The conference will consist of a single track of presentations, including invited talks, peer-reviewed papers, system and tool demonstrations, and panel discussions. The conference proceedings will be published as a volume in Springer's Lecture Notes in Computer Science (LNCS) series.

We solicit full papers (up to 18 pages LNCS style) describing original work not published or under review elsewhere. Papers selected after peer review will be included in the conference proceedings and presented orally at the conference. Topics of particular interest include (but are not limited to):

- Modeling and representation of data, metadata, ontologies, and processes for scientific application domains
- Integration and exchange of scientific data
- Design, implementation, optimization of scientific workflows
- Cyberinfrastructure architectures and components for scientific computing and eScience,
- System architectures in support of scientific and statistical data management and analysis
- Management and querying of scientific data, including spatial, temporal, spatio-temporal, and streaming data
- Annotation and provenance of scientific data
- Mining and analysis of large-scale scientific datasets
- Security and privacy for scientific and statistical data
- Visualization and exploration of scientific datasets
- Case studies and applications related to scientific and statistical data management in all domains.

We also invite short papers (up to 9 pages LNCS style) describing systems and software demonstrations or discussing new ideas or work in an early stage. Accepted short papers will be featured in poster-and-demonstration sessions and they will be included in the proceedings.

Important Dates

January 8, 2010: Submission of abstracts

January 15, 2010: Submission of papers

March 12, 2010: Notification of acceptance

April 9, 2010: Camera-ready version of accepted papers

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Research gGmbH,
Heidelberg

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