



CALL FOR PAPERS

21st International Conference on Scientific and Statistical Database Management

June 2-4, 2009

[Hotel Monteleone](http://dais.cs.uiuc.edu/ssdbm09), New Orleans, Louisiana USA
<http://dais.cs.uiuc.edu/ssdbm09>

The SSDBM conference series focuses on concepts, tools, and techniques for scientific and statistical database applications. The 2009 meeting marks the 21st time that scientific domain experts and database researchers, practitioners, and developers will come together to share their insights and discuss future research directions in a stimulating environment. The conference will have a single track of presentations, including invited talks, peer-reviewed papers, and panel discussions. The conference proceedings will be published as a volume in Springer's Lecture Notes in Computer Science series.

We solicit research papers (up to 18 pages LNCS style) describing original work not published or under review elsewhere. Short papers (up to 6 pages LNCS style) describing systems and software demonstrations or discussing new ideas or work in an early stage are also invited, and will be featured in a poster-and-demonstration session. Papers should be submitted through the [SSDBM2009 EasyChair submission site](http://www.dais.cs.uiuc.edu/ssdbm09). Papers selected after peer review will be included in the conference proceedings and presented orally at the conference.

SSDBM will address all aspects of scientific and statistical database management. Topics of interest include, but are not limited to:

- Modeling & representation of data & knowledge for scientific domains
- Metadata management for scientific & statistical data
- Architectures for managing scientific data, including P2P- & wiki-based
- Statistical analysis, mining, modeling, & summarization of large-scale data
- Storage, querying, & analysis of scientific data, including sensor streams
- Modeling, management, & optimization of scientific workflows & experiments
- Cyberinfrastructure & system architectures for scientific computing & e-science
- Data integration for scientific data
- Annotation & provenance management in scientific databases & workflows
- Visualization of complex scientific data
- Trust issues (privacy, security, reliability, quality) in scientific & statistical data
- Case studies of data management in all domains of science

Important Dates

Abstracts due	January 9 2009
Full & short papers due	January 16, 2009
Notification of acceptance	March 13, 2009
Camera-read copy due	April 13, 2009

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