SSDBM 2005 Conference
Donald Bren School of Environmental Science and Management
University of California, Santa Barbara
June 27-29,2005
http://2005.ssdbm.org

17th International Scientific and Statistical Database Management Conference
Call For Papers

This international conference will bring together scientific domain experts, databases researchers, practitioners and developers for the presentation and exchange of current research on concepts, tools and techniques for scientific and statistical database applications. The 17th SSDBM will provide a forum for original research contributions and practical system design, implementation and evaluation.

In keeping with the mission of the Bren School, this year's conferences will focus on applications of scientific and statistical databases to environmental problems, including:

-Very large environmental databases
-Geospatial and spatiotemporal databases
-Database support for environmental modeling
-Federated environmental databases

The conference will also feature invited talks, panel sessions, poster sessions, and demonstrations of research prototypes and industrial systems. SSDBM 2005 will continue the tradition of past SSDBM meetings in providing a stimulating environment to encourage discussion, fellowship and exchange of ideas in all aspects of research related to scientific and statistical database management.

Important Dates
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January 24, 2005: Abstracts due
January 31, 2005: Papers and demo proposals due
March 28, 2005: Notification of acceptance
April 18, 2005: Camera-ready copy due

Submission and Reviewing
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Detailed submission instructions will be published on the conference web site by December 1, 2004.
http://2005.ssdbm.org

In addition to this year's focus areas, SSDBM invites original research contributions in any area related to scientific and statistical database management, including:

*Conceptual models for scientific databases
*Knowledge management
*Data integration
*Data reduction and approximation
*Data warehouses
*OLAP
*Experiment data management
*Knowledge and data sharing via XML
*Knowledge discovery and data mining
*Metadata management
*Multimedia data management
*Performance evaluation
*Scientific visualization
*System architectures

Case studies of SSDBM-related applications, demonstrations, and short papers for poster sessions are also invited.

Organization
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Program Chair:

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