



12th International Symposium on Spatial and Temporal Databases

August 24th-26th, 2011 in Minneapolis, MN, USA

<http://sstd2011.cs.umn.edu/>

The *International Symposium on Spatial and Temporal Databases 2011 (SSTD 2011)* is the twelfth event of a series¹ of biannual symposia that discuss new and exciting research in spatial, temporal and spatio-temporal data management and related technologies and start setting future research directions. The primary focus of SSTD symposia is on original results in the areas of theoretical foundations, design, implementation, and applications of spatial and temporal database technology. SSTD also welcomes experience reports from application specialists and the commercial community that describe lessons learned in the development, operation, and maintenance of actual systems in practical and innovative applications. The goal is to exchange research ideas and results across academia, industry and government from diverse geographies, and career stages.

Authors are invited to submit original research contributions focusing on either empirical or theoretical issues related to spatial, temporal, and spatio-temporal databases. Potential topics include, but are not limited to:

- Access Methods
- Computational Geometry
- Critical Evaluation of Standards Proposals
- Data Mining and Knowledge Discovery
- Data Quality and Cleaning
- Data Types and Query Languages
- Data Warehousing and Decision Support
- Database Design and Conceptual Modeling
- Experiments, Benchmarks and Performance Evaluation
- Geographic Information Retrieval
- Graph Modeling and Algorithms
- Keyword Search in Databases
- Mobile Computing
- Ontologies and Taxonomies
- Parallel and Distributed Databases
- Privacy, Security and Integrity
- Query Optimization
- Real Applications and Systems
- Recommendation Systems
- Spatial (Road) Networks
- Sensor Networks
- Streams
- Uncertain, Imprecise, and Probabilistic Data
- User Interfaces and Visualization
- Web Information Retrieval

Important Dates

Abstract Submission: February 18th, 2011

Full Submission: February 25th, 2011

Notification: April 29th, 2011

Camera-Ready: June 1st, 2011

Representative Organizers

General Co-Chairs: Shashi Shekhar, Mohamed Mokbel

Program Co-chairs: Dieter Pfoser, Yufei Tao

Demo Co-Chairs: Mario Nascimento, Kyriakos Mouratidis

Proceedings Chair: Yan Huang

Publicity Chair: Jin Soung Yoo

¹ An Anthology of Symposium on Spatial and Temporal Databases (SSTD) and Symposium on Large Spatial Databases is at <http://www.informatik.uni-trier.de/~ley/db/conf/ssd/index.html> (Courtesy: DBLP).