



# CALL FOR PAPERS

## 17<sup>th</sup> International Conference on Software Engineering and Data Engineering

**SEDE-2008**

**June 30-July 2, 2008, Los Angeles, California USA**

Sponsored by the International Society for Computers and Their Applications (ISCA)

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The 17th SEDE Conference seeks high quality submissions in all areas of Software Engineering (SE) and Data Engineering (DE). This year the conference puts special emphasis on the impact of ubiquitous and pervasive computing on software engineering and data engineering. Applied case studies will report on exemplary solutions deployed in industries like aerospace, telecommunications and military. In the SE section particular emphasis will be placed on techniques for software specification and design of software/hardware components and the modeling of system architectures. In the DE section, the emphasis this year is on high performance algorithms that learn patterns from large volumes of data, learn and predict events, adapt to situations, rationalize, provide autonomous control, and assist in executive decision-making. The conference also includes a **BEST PAPER AWARD given for a paper presented at the conference.** The conference will cover a broad range of topics including, but not limited to, the following topics. Conference website: <http://sce.uhcl.edu/sede08/>

### Software Engineering

Software Modeling, Development, & Maintenance  
Software Requirements Engineering  
Software Verification and Model Checking  
Reengineering and Reverse Engineering  
AI and Knowledge based software engineering  
Agent-Oriented Software Engineering  
Formal and Semiformal Methods  
Object-Oriented and Model-Driven Techniques  
Service- and Aspect-Oriented Techniques  
Web Engineering and Agents  
Programming and Description Languages  
Software Visualization and Program Understanding  
Software Quality and Software Metrics  
Software Security, Safety, Reliability  
Software Components & Software Architectures  
Process, Project Management  
Human Computer Interaction  
Internet and Information Systems Development  
Software Engineering Education  
Applications and Case Studies

### Data Engineering

Distributed, parallel, and Peer to Peer database  
Semi-structured data and XML database  
Data Integration, Interoperability, and Metadata  
Data Mining: traditional, large-scale, parallel data mining  
  
Ubiquitous Data Mgmt. and Mobile Database  
Data Privacy and Security  
Scientific and Biological Databases and Bioinformatics  
Data Grids, Data Warehousing, OLAP  
Temporal, Spatial, sensor, and Multimedia database  
Taxonomy and Categorization  
Pattern Recognition, Clustering, and Software Classification  
Knowledge Management and Ontologies  
Query processing, query optimization, and data structures  
Database Applications and Experiences  
Web Data Management and Deep Web

### INSTRUCTIONS TO AUTHORS

Papers will be accepted ONLY BY ELECTRONIC SUBMISSION in PDF format. Include a cover page containing title, author's name(s), address, affiliation, email address, telephone number and topic area. In cases of multiple authors, all correspondence will be sent to the first author unless otherwise requested. Authors must submit a full paper (no more than 15 double spaced pages) by **FEBRUARY 22, 2008**. All submissions must be uploaded through the conference web page <https://secure.myhostadvantage.com/V0015065FC/con-reg/default.asp?ConID=72>. If you encounter any difficulties during submission or if you require further information, please contact: [isca@ipass.net](mailto:isca@ipass.net). The submitted manuscript should closely reflect the final paper as it will appear in the proceedings, which will be a maximum of 6 pages (+2 pages with additional page fees) in ISCA format. (See <http://www.isca-hq.org/sample-isca-manuscript-format.pdf>)

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### IMPORTANT DATES

Deadline for paper submission: February 22, 2008 (extended to **March 22**)  
Notification of acceptance: April 25, 2008  
Camera ready papers due: May 16, 2008