Call For Papers

19th International Conference on Conceptual Modeling

October 9-12, 2000, Salt Lake City, Utah, USA

www.er2000.byu.edu

Scope of the Conference
The International Conference on Conceptual Modeling provides a forum for presenting and discussing current research and applications in which the major emphasis is on conceptual modeling. This conference was originally devoted to the Entity-Relationship (ER) model, but has expanded to include many types of semantic data modeling, behavior and process modeling, object-oriented systems modeling, and modeling for Web-based applications. The conference embraces all phases of software development including analysis, specification, design, implementation, evolution, and reengineering. It is the aim of this conference to present state-of-the-art research on emerging topics in conceptual modeling, to review important techniques in related areas, and to discuss application papers of interest to information system professionals as well as information technology academics and researchers.

Topics of Interest
The conference focuses on conceptual modeling and advanced information systems design and implementation. We solicit submission of original research, experience, and vision papers that address these themes. Topics of interest include, but are not limited to, conceptual modeling as applied to: active databases; application design using UML; business-process modeling; CASE tools; ER, OO, ORM, and other approaches; database design methodologies; database integration; data warehousing and multidimensional modeling; engineering applications; geographic information systems; heterogeneous and federated databases; information-retrieval systems; knowledge bases; multimedia databases; object-oriented data and software engineering; ontology development and applications; quality in conceptual modeling; query languages; reverse engineering and reengineering; semistructured data; spatial and temporal databases; user interfaces; Web-based information systems as well as information technology professionals as well as information technology academics and researchers.

Submission Guidelines
Authors should submit manuscripts via the ER2000 Web site, in the form of PostScript or PDF files (contact the conference Webmaster, er2000@byu.edu, if you need assistance). Papers may not exceed 5000 words. Additionally we suggest using at least an 11-point font and no more than 20 pages. The ER2000 home page (www.er2000.byu.edu) contains further details on electronic submissions.

The proceedings will be published by Springer-Verlag in the LNCS series. Springer-Verlag publishes a full-text electronic version of LNCS in parallel with the printed version, thus the electronic source of accepted papers will be required (LaTeX 2e format is strongly preferred). Authors of selected papers will be invited to submit extended versions for possible publication in Data & Knowledge Engineering.

Important Dates

- Workshop proposals: Dec. 3, 1999
- Paper abstracts: March 28, 2000
- Full papers: April 4, 2000
- Notification: June 13, 2000
- Camera-ready papers: July 11, 2000