Call for Attendance: International Workshop on the World-Wide Web and Conceptual Modeling
WWWCM'99 November 15 - 18, 1999 http://www.cm99.byu.edu
to be held in conjunction with the
18th International Conference on Conceptual Modeling (ER'99), Paris, France

Registration
Attendance is open to all ER'99 Conference participants. Registration information can be obtained from the ER'99 Web site, http://www.prism.uvsq.fr/dataware/confs/er99/.

Presentation and Discussion Objectives
The Web is voluminous, dynamic, information and data intensive, and varies from completely unstructured to fully structured. Despite this Web chaos, all sectors of our global society use the World-Wide Web to further such goals as electronic commerce, information acquisition, and information dissemination. How can we harness this vast mass of potential information to further these and other similar goals?

In this workshop, we will explore ways we can apply conceptual modeling to address these challenges. In particular, we wish to consider building conceptual data models to describe knowledge about patterns of data, about objects in our models, and about interactions among these objects and with Web users. These conceptual models should provide the basis for high-quality organization, presentation, search, information extraction, intelligent caching, electronic business processing, and Web site development and management.

Workshop Co-Chairs
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Philip S. Yu       IBM T.J. Watson Research Center, USA

Technical Program

Modeling Navigation and Interaction: Mon., Nov. 15, 16:30
Session Chair and Discussant: Stephen W. Liddle
Modeling Interactive Web Sources for Information Mediation
Bertram Ludäscher and Amarnath Gupta

Web Application Models Are More Than Conceptual Models
Gustavo Rossi, Daniel Schwabe, and Fernando Lyardet

E/R Based Scenario Modeling for Rapid Prototyping of Web Information Services
Thomas Feyer and Bernhard Thalheim

Directions in Web Modeling: Tuesday, November 16, 16:30
Session Chair and Discussant: David W. Embley
Models for Superimposed Information
Lois M.L. Delcambre and David Maier

Formalizing the Specification of Web Applications
D.M. Germán and D.D. Cowan

“Modeling-by-Patterns” of Web Applications
Franca Garzotto, Paolo Paolini, Davide Bolchini, and Sara Valenti

Modeling Web Information: Wednesday, November 17, 16:30
Session Chair and Discussant: Alberto H. F. Laender
A Unified Framework for Wrapping, Mediating and Restructuring Information from the Web
Wolfgang May, Rainer Himmerröder, Georg Lausen, and Bertram Ludäscher

Semantically Accessing Documents Using Conceptual Model Descriptions
Terje Brasethvik and Jon Atle Gulla

Knowledge Discovery for Automatic Query Expansion on the World-Wide Web
Mathias Géry and M. Hatem Haddad

Modeling Web Applications: Thursday, November 18, 16:30
Session Chair and Discussant: Peter P. Chen
KNOWCAT: A Web Application for Knowledge Organization
Xavier Alamán and Ruth Cobos

Metamodelling for Web-Based Teachware Management
Christian Süß and Burkhard Freitag

Data Warehouse Design for E-Commerce Environments
Il-Yeol Song and Kelly LeVan-Shultz