

General Co-Chairs:

Nand Lal, GSFC-NASA
nlal@pop900.gsfc.nasa.gov
Erich Neuhold, GMD-IPSI
neuhold@ darmstadt.gmd.de

Program Co-Chairs:

Mike Papazoglou <mikep@kub.nl>
INFOLAB, Tilburg University
P.O. Box 91053
5000 LE Tilburg The Netherlands
Amit Sheth <amit@cs.uga.edu>
LSDIS Lab, Computer Science
University of Georgia
Athens GA 30602-7404 USA

Publicity Chair:

Tarcisio Lima <tarcisio@cs.uga.edu>
Univ. of Georgia/UFJF(Brazil)

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Announcement and Call for Papers



May 22-24, 2000 – Library of Congress, Washington, DC – USA

IEEE Computer Society Technical Committee on Digital Libraries

<http://cimic.rutgers.edu/~adl/>

Digital Libraries are a critical component of the emerging "distributed knowledge environments" that will provide people with universal access to virtually all areas of human knowledge, with the concomitant hope of improving standards of health, education, and economic well-being as well as the quality of life. As such, the field of digital library research and technology encompasses information creation, acquisition, access, processing, distribution, and evaluation. Major applications of digital library research and technology include education, science, commerce, medicine, and the arts.

The goal of this conference is to share and disseminate information about important current issues concerning digital library research and technology. This goal will be achieved by means of research papers, invited talks, workshops, and panels involving leading experts, as well as through demonstrations of innovative technologies and prototypes. The conference has the additional goal of indicating the importance of applications of digital library technologies in the public and private sectors of the economy by reporting on and demonstrating available systems.

SUBMISSIONS: Papers are solicited describing technical advances in ALL areas of digital library technology, including, but not limited to the areas of: Agent Technology; Authoring and Scripting; Collaborative Research; Datamining; Digital Library Testbed Systems; Document Models; Economic Issues and Billing Mechanisms; Human-Computer Interaction; Intellectual Property, Protection, Security and Privacy; Knowledge Representation incl. Domain and User Models; Knowledge Integration; Meta-information; Publishing; Searching, Browsing, Filtering and Personalization; Semantic and Systems Interoperability; Resource Discovery and Management; Standards and Protocols; Telecommunications and Networking; Multimedia Libraries; Sensor Data Stores and Libraries; User Workspaces. Special emphasis will be given towards reports on experiences and open problems with available running systems or technology for digital libraries. ADL 2000 will continue to provide a forum for discussing applications of DL concepts and techniques in the areas of: Digital Earth, Digital Sky, Digital Law, Digital Art, Digital Music, Integrating Digital Technology into Traditional Libraries, Socio-Economic Impacts, Geospatial Information, Medical Applications, Social and Natural Sciences.

INFORMATION FOR AUTHORS: Authors are invited to submit manuscripts, not to exceed 6000 words or proposals for panels or workshops, not to exceed 1500 words, by **December 20, 1999** to: <http://cimic.rutgers.edu/~adl/> or <http://adl2000.kub.nl>. Notification of acceptance will be made by **February 21, 2000**. The program will be published by **March 15, 2000**. The proceedings will be published by IEEE Computer Society Press. A selected number of papers will be considered for publication in the International Journal of Digital Libraries. Authors are encouraged to submit papers electronically and, in particular, in postscript format. For more information and requests send an e-mail to the following address: adl2000@kub.nl.