

CALL FOR PAPERS

18TH IEEE SYMPOSIUM ON MASS STORAGE SYSTEMS

in cooperation with

9TH NASA GODDARD SPACE FLIGHT CENTER CONFERENCE ON MASS STORAGE



LARGE SCALE STORAGE IN THE WEB

April 17-20, 2001
San Diego, California

The 18th IEEE Symposium on Mass Storage Systems and 9th NASA Goddard Space Flight Center Conference on Mass Storage will focus on the issues surrounding the storage of large data collections that are web accessible. This Conference provides a forum for discussion of issues relevant to the management of large volumes of data. The Conference encourages all interested organizations to discuss long term mass storage requirements and experiences in fielding solutions. Emphasis is on current and future practical solutions addressing issues in data management, storage systems and media, data acquisition, long term retention of data, and data distribution.

The program committee is calling for papers in the following areas:

Applications & Requirements Papers specifying application requirements, including databases and digital libraries. Areas of interest include health care, education, entertainment, manufacturing, retail, and databases for government, scientific, industrial, financial data collections.

Access/Connectivity Papers describing hardware and software technology that provide basic access and control of mass storage. This area ranges from low-level connectivity, such as network storage using HiPPI, Fibre Channel, gigabit Ethernet, or ATM, through high-level architectures that use wireless access to data repositories.

Components and Systems Papers that focus on new hardware components, subsystems, and architectures that will support the expected growth in storage capacity and retrieval requirements of information infrastructures. Examples include new recording or media technology and innovative integration of components into storage subsystems or distributed storage system architectures to support information infrastructure requirements.

Metadata and Data Management Papers describing the organization and description of data available through information infrastructures and the interface of data management systems to distributed, hierarchical storage systems.

System Management Papers that address the issues surrounding the planning and operation of information infrastructure data repositories. Security, accounting, billing, allocation, system modeling, and migration of data to new storage technologies and systems are among the topics of interest.

How to Participate

Authors wishing to present papers at the Eighteenth Symposium should E-mail a 300 to 500 word abstract of proposed papers to Reagan Moore, Program Committee Chair, at moore@sdsc.edu by September 8, 2000 (telephone 858-534-5073). Authors invited to write papers will be notified and sent formatting instructions no later than September 30. Full papers must be submitted electronically to the Program Committee by November 15, 2000. Selected papers will be published in the Proceedings provided at the meeting and must be submitted in electronic format no later than January 15, 2001.

Ann Kerr, Conference Chair
IGPP-UCSD
Reagan Moore, Program Chair
SDSC-UCSD