NASA / IEEE MSST2004
Twelfth NASA Goddard / Twenty-First IEEE
Conference on Mass Storage Systems and Technologies

Long-Term Stewardship of Globally-Distributed Storage

April 13-16, 2004
University of Maryland
University College Conference Center
College Park, Maryland, USA

Calendar:

October 17, 2003	Submissions Due
November 17, 2003	Notifications Mailed
January 5, 2004	Registration Packets Sent
January 9, 2004	Full Length Papers Due
February 20, 2004	Final Papers Due
April 13-16, 2004	Conference

Call for Papers

Development of commodity-priced storage solutions, coupled with high-performance, inexpensive networking technology, has led to the deployment of very large, globally-distributed mass storage systems. Soon, systems scaling to thousands of sites, each holding billions of objects, including terabyte or larger objects, will be common. As solutions are found that provide global access and delivery, problems of long-term stewardship are exacerbated. We will examine solutions for these problems.

Topics of interest include, but are not limited to: data security and integrity, in flight and at rest; critical infrastructure protection; data replication, indexing, and access models; community-owned data models; real-time data streaming and data mining; object storage technologies; hardware and software solutions for distributed applications; global access to data and data grids; proprietary format and copyrights issues; and government initiatives developing persistent archives.

How to Participate

We encourage participation by organizations with research and practical experience, including government and commercial users, universities, research laboratories, and early adopters. We invite submissions of technical papers, tutorial proposals, and vendor briefings. Except as noted below, send submissions electronically, in ASCII or PDF format, to **Ben Kobler (ben.kobler@nasa.gov)**. Include submission title, author name(s), organization, address, telephone number, fax number, and e-mail address. Also designate a primary contact person, phone number, and e-mail address.

Technical Papers: Submit 4-5 page extended abstracts by October 17, 2003. We will notify authors of accepted papers by November 17, 2003. If accepted, full-length papers will be due January 9, 2004. Final, camera-ready papers, incorporating reviewer comments, will be due February 20, 2004 and must be submitted in PDF format and conform to formatting standards described in the Author's Kit.

Tutorial Proposals: Submit outlines of material to be covered along with biographies for the tutorial presenters. Proposals are due October 17, 2003. Full-length, technical-paper versions of accepted tutorials may, optionally, be submitted by January 9. 2004. Tutorials converted to final technical papers by February 20, 2004 will be published in the Conference Proceedings. Tutorial sessions are planned for April 13, 2004.

Vendor Briefings: We will provide a block of time during the conference to allow vendors to present information on new products. To be considered only for the vendor-briefing session, submit one-page abstracts by October 17, 2003.

Vendor Exhibit Area: Space for vendor product exhibits will be available on a reservation basis in the order received. To register and to discuss facilities and cost, contact the Vendor Expo Chair: **Gary Sobol (GZSobol@aol.com)**.

Work In Progress: A special session will feature presentations of late-breaking research and developments. Submit one-page descriptions (ASCII or PDF) to **Ethan Miller (elm@cs.ucsc.edu)** by March 8, 2004. We will notify presenters by March 15th. "Work in Progress" descriptions will not be published in the conference proceedings, but they will be listed in the schedule and presentations will be posted on the conference Web site.

Extemporaneous Session: An extemporaneous session will provide a forum for short presentations of last-minute thoughts and ideas. Presenters will sign up for speaking slots during the conference.

http://StorageConference.org

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Call for Papers

Long-Term Stewardship of Globally-Distributed Storage

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Return Service Requested

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