



# Global Access to Distributed Storage

April 7-10, 2003  
Paradise Point Resort  
San Diego, California, USA

**Conference Chairs:**

Ben Kobler, NASA Goddard Space Flight Center  
Jack Cole, US Army Research Laboratory

**Program Committee Chairs:**

Reagan Moore, SDSC  
Tom Ruwart, I/O Performances, Inc.

**Program Committee:**

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Jim Hughes, StorageTek  
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Merritt Jones, MITRE  
Ben Kobler, NASA Goddard Space Flight Center  
Ethan Miller, University of California, Santa Cruz  
Matt O'Keefe, Sistina Software  
Paul Rutherford, ADIC  
Donald Sawyer, NASA Goddard Space Flight Center  
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**Publications Chairs:**

Ethan Miller, UC Santa Cruz  
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**Vendor Chair:**

Gary Sobol

**Keynote, Invited Papers Chair:**

Tom Ruwart, I/O Performances, Inc.

**Panel Chairs:**

Dick Watson, LLNL  
Paul Rutherford, ADIC

**Tutorial Chair:**

Jim Hughes, StorageTek

**Social Functions Chair:**

Ann Kerr, Scripps Institution of Oceanography

**IEEE Computer Society Sponsor:**

Merritt Jones, MITRE

**Calendar:**

September 23, 2002	Submissions Due
October 21, 2002	Notifications Mailed
November 11, 2002	Registration Packets Sent
November 22, 2002	Full Length Papers Due
January 17, 2003	Final Papers Due
April 7 - 10, 2003	Conference

## Call for Papers

The amount of data stored in mass storage systems has grown dramatically over the past few years, as has the bandwidth to such storage. Far more growth in both areas is expected in the years ahead. However, many problems remain in obtaining truly global access to data, delivering data to those who need it, and maintaining security and integrity. Storage systems must scale to large numbers of sites (both consumers and providers of data), each site holding billions of objects, with object sizes of a terabyte or larger. We are interested in papers that address issues in at least one of these "axes of innovation": number of sites, number of objects, and size of objects.

The conference will examine ongoing efforts to improve access to data and explore future possibilities for providing a truly "data anywhere" storage model. By focusing on the technology view, rather than the marketing view, this conference will highlight the potential directions of large-scale storage technologies over the next three to five years and beyond.

**Topics of interest** include, but are not limited to: security, data protection (including resilience and replication), critical infrastructure protection (CIP), resource management, object storage, data location: finding and indexing, global naming, Quality of Service, community-owned data, collection and management of data, standards, reliability, universal data models, current approaches, and storage systems networks.

## How to Participate

We encourage participation by organizations with both 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. Send all submissions electronically, in ASCII or PDF format, to **Reagan Moore (moore@sdsc.edu)**. 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. Submissions are due September 23, 2002. We will notify authors of accepted papers by mail October 21, 2002.

**Technical Papers:** Submit a 4-5 page extended abstract. If accepted, a full-length paper will be due November 22, 2002. A final, camera-ready paper, incorporating reviewer comments, will be due January 17, 2003 and must be submitted in PDF format and conform to formatting standards described in the Author's Kit.

**Tutorial Proposals:** Tutorial sessions are planned for April 7, 2003. Submit an outline of material to be covered along with a biography for the proposed tutorial presenter. A full-length technical-paper version of an accepted tutorial may, optionally, be submitted by November 22, 2002. Tutorials converted to final technical papers by January 17, 2003 will be published in the Conference Proceedings.

**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 a one-page abstract.

**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)**.

<http://StorageConference.org>

**General Contact:**

Ben Kobler  
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301-614-5231

**Call for Papers**  
***Global Access to Distributed Storage***

**Seeking papers addressing the “axes of innovation”:  
number of sites, number of objects, size of objects.**

Ben Kobler, MS423  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
USA

Return Service Requested

***Call for Papers***

**Twentieth IEEE Symposium on Mass Storage Systems and Technologies  
Eleventh NASA Goddard Conference on Mass Storage Systems and Technologies**

***Global Access to Distributed Storage***

**April 7-10, 2003**

**San Diego, California, USA**

**<http://StorageConference.org>**

