

# Call for Papers HPDC-12

## The Twelfth IEEE International Symposium on High Performance Distributed Computing, Seattle, WA (USA), June 22-24, 2003

The Twelfth IEEE International Symposium on High-Performance Distributed Computing will be a forum for presenting the latest research findings on the design and use of highly networked systems for computing, collaboration, data analysis, and other innovative tasks. Submissions are encouraged on all aspects of Grid and high performance distributed computing. Case studies describing novel applications are also of interest. A more complete list of topics is below. All papers will be rigorously reviewed.

HPDC-12 will be held in Seattle, Washington (USA) immediately preceding the 8<sup>th</sup> Global Grid Forum. HPDC-12/GGF-8 will together provide a global meeting place for those interested in Grid computing technologies and applications. A joint program of tutorials and keynote talks will highlight major themes and recent developments in the field.

**Paper Submission Deadline:** February 4, 2003

**Authors Notified:** March 29, 2003

**Camera-ready Papers Due:** April 13, 2003

Authors are requested to submit technical papers of at most 5000 words, not including figures or references. These papers should be written to be self-contained and to provide the technical substance required for the program committee to evaluate the paper's contribution. Papers which exceed this length will be rejected outright. Papers submitted to or published in another conference or journal are ineligible for this conference. For the latest conference information and how to submit papers, posters and exhibits see <http://www.hpdc.org/>

**Topics of interest** (but not limited to):

- Software environments & language support
- Applications studies
- Parallel and distributed algorithms for computation and data-intensive problems
- Multimedia, teleimmersive, and collaborative applications
- Clusters
- Data Grids
- Peer to Peer
- Desktop PC Grids
- High performance I/O and file systems
- Security, config, policy, & management issues
- Resource management
- Fault tolerance
- Software/hardware/architectural support for efficient communications
- Terabit networks
- *Research Papers* involving the design or use of commercial Grid systems

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