

7th International Conference on Grid and Cooperative Computing (GCC 2008)

第七届网格与协同计算国际会议 Call for Papers

October 24~26, 2008
Shenzhen, China

Organized by:
Institute of Advanced Computing and Digital Engineering,
Shenzhen Institute of Advanced Technology,
Chinese Academy of Sciences

Submission Deadline: **June 30, 2008** (Extended) !

Recent years have seen rapid advances in various grid-related technologies, grid middleware as well as grid applications. The GCC conference has become one of the world-wide largest scientific events in the area of grid and cooperative computing. The 7th international conference on grid and cooperative computing (GCC2008) is to be held Oct. 24-26, 2008 in Shenzhen, China. Shenzhen is situated in the southern province of Guangdong, which borders Hong Kong.

GCC2008 is to cater for a stimulating forum for researchers and practitioners in related fields, where people get together to exchange ideas, experiences and up-to-date technological advances. Hereby, we call for submission of papers that are related to various aspects of grid and cooperative computing.

Topics:

The conference covers a broad spectrum of themes including but not limited to:

- ◇ Theory of grid computing
- ◇ Grid middleware
- ◇ Parallel & Distributed architectures, applications and algorithms
- ◇ High performance computing and network communications
- ◇ Service computing technologies & applications
- ◇ Resource organization and management for grid computing
- ◇ Grid programming models and environments
- ◇ Semantic basis for grid computing
- ◇ Grid monitoring and accounting
- ◇ Domain-specific approaches to grid engineering
- ◇ Software engineering support for grid and cooperative computing
- ◇ Empirical study of real-world applications or industrial case studies
- ◇ Service-oriented foundation of grid computing
- ◇ Peer-to-Peer computing
- ◇ Novel grid architectures
- ◇ Resource virtualization for grid computing
- ◇ Distributed and large-scale data access and management
- ◇ Cooperative system, architecture and algorithms
- ◇ Grid workflow and service composition
- ◇ Grid usage models and portal tools
- ◇ Engineering approaches to grid applications
- ◇ Grid interoperability
- ◇ Quality of services, performance and deployment issues
- ◇ Quality of services, performance and deployment issues
- ◇ Security, dependability, survivability and reliability issues in grid computing

Accepted papers will be published in the IEEE Computer Society.

Selected papers will be considered for publication in International Journal of Grid and Utility Computing (IJGUC), International Journal of Web Services Research (JWSR), and International Transactions on Systems Science and Applications (ITSSA).

For details on how to submit papers, please consult the conference webpage <http://www.siat.ac.cn/gcc2008>

General Chair:

Jianping Fan
Shenzhen Institute of Advanced Technology (SIAT), CAS, China

General Co-chair:

Miron Livny
University of Wisconsin, USA

PC Chair:

Guangwen Yang
Tsinghua University, China

PC Co-chair:

Denis Caromel
University of Nice - Sophia Antipolis, France

Finance and Organization

Chair:

Shengzhong Feng, Ling Chen
Shenzhen Institute of Advanced Technology (SIAT), CAS, China

Invited Keynote Speaker (ordered alphabetically): (to be increased)

Dr. Jack Dongarra

ACM Fellow, IEEE Fellow, AAAS Fellow, Turning Fellow at Manchester University, Distinguished Professor in Department of Electrical Engineering and Computer Science at University of Tennessee...

Dr. Geoffrey Charles Fox

Professor of Computer Science and Physics at Indiana University, Distinguished Scientist of Laboratory for Community Grid at Indiana University...

Dr. Carl Kesselman

Fellow of British Computing Society, Co-leader of the Globus Project, Fellow in the Information Sciences Institute at the University of Southern California...

Dr. Thierry Priol

Senior scientist and Research Director at INRIA, Leader of PARIS project-team, Scientific Coordinator of the CoreGRID Network of Excellence...

Important Dates:

Deadline of paper submission: **June 30, 2008** (extended!)

Notification of Acceptance: July 31, 2008

Registration and Delivery of camera-ready files deadline: August 31, 2008

Conference dates: October 24-26, 2008

Sponsored by



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GCC website:

<http://www.siat.ac.cn/gcc2008>

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