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
- Security, dependability, survivability and reliability issues in grid computing

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.

**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