

# SKG 2005

## 1<sup>st</sup> International Conference on *Semantics, Knowledge and Grid*

November 28-29, 2005, Beijing, China



**Topics** (include but not limited to)

- **Semantics and Semantic Grid.** Semantic Normalization, Semantic Computing; Semantic Interoperability; Semantic-based Virtual Organizations; Semantic Capture; Automatic Semantic Annotation; Semantic Web; Semantic Web Services; Theory and Model of Semantic Grid.
- **Knowledge and Knowledge Grid.** Internet-based Knowledge Mining, Representation and Reasoning; Theory and Model of Knowledge Grid; Large-Scale Distributed Knowledge Management; Information/Knowledge/Service Integration; Ontology; Knowledge Flow; Knowledge Discovery; Internet-based Knowledge Engineering and Software Engineering.
- **Advanced Computing Model.** Internet-based Multi-agent Systems; Nature-Inspired Computing; Autonomous Computing; Internet-based Intelligence and Applications; P2P Computing; Grid Computing; Self-Organized Intelligence; Semantic-based Interface.
- **Systems, Tools and Applications.** On e-Science; e-Business; e-Learning and e-Government.

### Conference Co-Chairs

Hai Zhuge, Chinese Academy of Sciences, China

David De Roure, University of Southampton, UK

### Program Co-Chairs

Jie Liu, Chinese Academy of Sciences, China

Geoffrey C. Fox, Indiana University, USA

### Important Dates

August 20, 2005	Deadline for submission of papers
September 20, 2005	Notification of acceptance
October 10, 2005	Final copy due
November 28-29, 2005	Conference

### Submissions

All submitted papers will be reviewed on the basis of technical quality, relevance, significance, and clarity. Please email manuscripts in PDF format to [sg@ict.ac.cn](mailto:sg@ict.ac.cn).

### Publication

Accepted papers will be printed in pre-conference proceedings. Selected papers will be published as special issues/sections in the following international journals (SCI Indexed) after extension and re-review: *Journal of Systems and Software* (Elsevier); *Concurrency and Computation: Practice and Experience* (Wiley); *Journal of Computer Science and Technology* (Springer).

**Organizer:** China Knowledge Grid Research Group <http://kg.ict.ac.cn>

**Sponsor:** China National Basic Research and Development Program's Semantic Grid Project

**Conference Web Page:** <http://www.knowledgegrid.net/SKG2005>; <http://kg.ict.ac.cn/SKG2005>