

SKG 2008

Call for Papers

International Conference on Semantics, Knowledge and Grid 2008

Dec. 4-6, 2008, Beijing, China

<http://www.knowledgegrid.net>



Conference Co-Chairs:

Tharam Dillon, Australia

Geoffrey C. Fox, USA

P.M.A. Sloot, Netherlands

Program Co-Chairs:

Qing Li, HK SAR China

Katsumi Tanaka, Japan

Hai Zhuge, China

Program Vice Chair:

Xiaoping Sun, China

Keynote Speakers:

Jim Hendler, USA

Ramesh Jain, USA

Important Dates:

Submission:

July 31, 2008

Notification:

Aug. 30, 2008

Camera ready:

Sept. 20, 2008

SKG is a cross-area international forum on semantic computing, knowledge networking, and grid computing, it promotes cross-area research and pushes the development of relevant areas. Themes includes but not limited to the following:

- ⌚ **Web Semantics and Semantic Grid** • Semantic Web • Semantic Search and Query • Semantic Link Network • Semantic Normalization • Semantic Interoperability • Semantic Visualization and modeling • Semantic Web Mining • Semantic Brokering • Semantic-based Interface • Automatic Semantic Annotation • Semantic Web Services • Theory and Model of Semantic Grid • Ontology • Web2.0 • Semantic P2P • Rich Media Semantics
- ⌚ **Knowledge Web and Knowledge Grid** • Web knowledge representation and Reasoning • Semantic Knowledge Portal • Web Knowledge Discovery • Knowledge Discovery • Theory and Model of Knowledge Grid • Large-Scale Distributed Knowledge Management • Ontology Information/Knowledge/Service Integration • Knowledge Flow • Internet-based Knowledge Engineering and Software Engineering
- ⌚ **Advanced Networking Model** • Resource Management Model in Grid • Internet-based Multi-agent Systems • Nature-Inspired Computing • Autonomous Computing • Internet-based Intelligent Applications • P2P Computing • Grid Computing • Self-Organized Intelligence • Service-oriented Computing • Mobile Grid • Social Network • Community Discovery
- ⌚ **Systems, Tools and Applications** • Semantic-based Virtual Organizations • e-culture • e-Science • e-Business • e-Learning • e-Government • Grid Security • Sensor networks and Grid applications
- ⌚ **e-Culture or e-HASS (Humanities, Arts and Social Sciences)** • Applications in Humanities • Applications in Arts • Applications in Social Sciences
- ⌚ **Web Science**

Publication:

Proceedings of SKG2008 will be published by IEEE Press. Selected high-quality papers will be recommended for publication in the following SCI-indexed international journals after extension:

- ⌚ **Future Generation Computer System (FGCS, Impact Factor 1.095)**
- ⌚ **Concurrency and Computation: Practice and Experience (CCPE, Impact Factor 1.154)**
- ⌚ **International Journal of Semantic Web and Information System (IJSWIS)**

