



## INFOSCALE 2009



### Call for Papers

June 10 – 11 2009, Hong Kong, China

<http://www.infoscale.org/>

Co-sponsored by Create-Net and ICST

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#### Important dates

Submission deadline

April 10, 2009

Acceptance notification

April 30, 2009

Camera Ready

May 10, 2009

#### Keynote speakers

First Last

*Institute, Country*

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**Overview:** As volume of data and knowledge keeps increasingly, new methods, modeling paradigms, and structures are supported to mount scalability requirements efficiently. In the last few years, heterogeneous distributed systems proliferate, ranging from simple Networks of Workstations, to highly complex Grid Computing environments. Such computational paradigms have been preferred due to their reduced costs and inherent scalability, but their efficient usage pose many challenges in terms of information access, storage and retrieval as well as in terms of algorithms for efficiently manage, transfer, and analyze huge volume of data and knowledge.

The Fourth International Conference on Scalable Information Systems will focus on a wide array of scalability issues and investigate new approaches to tackle problems arising from the ever-growing size and complexity of information of all kinds.

**Papers:** Technical papers describing original, previously unpublished research, not currently under review by another conference or journal, are solicited. Technical papers clearly identifying how the specific contributions fit to an overall working solution are particularly of interest.

Topics include, but are not limited to, the following feature topics:

- Scalable Parallel and Distributed Information Retrieval
- Scalable Grid Information Systems
- Scalable Peer-to-Peer Systems
- Scalable Mobile Systems
- Scalable Web Services
- Scalable Sensor Networks and Systems
- Scalable Systems and Conceptual Mode
- Scalable Multimedia Information Systems
- Scalability Issues on Emerging Computing Architectures (SMTs, GPUs, Multicores)
- Scalable Data Mining
- Parallel and Distributed Computing Systems
- Middleware Technology for Scalable Computing
- Information Security
- Architectures for Scalability
- Networking for Scalable Information Systems
- Evaluation Metrics for Scalability
- Enterprise Information Systems and Applications
- Very Large Databases
- Compression Techniques for Scalability
- Optimizing Compiling Techniques for Scalable Parallel Systems

**Submission Instructions:** All papers should be written in English and are less than 20 pages. Authors should prepare an Adobe Acrobat PDF version of their full paper in ICST conference proceeding format. All papers should be submitted to the InfoScale2009 conference through the ASSYST system at <http://www.assyst-online.org/>.

**Posters:** The conference will include a poster session that highlights recent and on-going research, experiments, and provocative ideas that have been published elsewhere. Poster submissions will be reviewed and the summaries of accepted posters will appear in the conference proceedings.

**Workshops:** Proposals for workshops are solicited. Potential instructors are requested to submit a workshop proposal of at most 12 pages, including biographical sketch of each instructor, to the Workshop Chair by **Alvin Chan**. Evaluation of workshop proposals will be based on the expertise and experience of the instructors and the relevance of the subject matter.

**Publication:** All submitted papers and posters will be rigorously reviewed by the technical program committee members and the reviewers they invite. **Accepted papers will be published in proceedings by LNICST which is in partnership w/Springer. Selected outstanding papers will be considered for international journal special issues. At least one listed author on the final paper must register and attend the workshop to present his/her paper.**