



# Call for Papers: Special Session on Concurrent Computing and Applications

<http://www.sersc.org/ASEA2011>

*The International Conference Advanced Software Engineering & Its Applications (ASEA)*

December 8~10 2011, Jeju Grand Hotel, Jeju Island, Korea

## Scope and Topics

The session provides a forum for papers about concurrent computing and applications which includes the foundations, tools and techniques, and experiences in practice for the development of concurrent software for embedded, real-time, parallel, multi-threaded, multi-core, multiprocessor, cluster, distributed, networking, mobile, ubiquitous, or grid systems. The papers should report the results on original research topics relevant to the concurrent computing and applications that include (but not limited to):

- parallel/distributed systems
- testing, monitoring, and debugging
- performance analysis and optimization
- operating systems
- networking and communications
- high-performance computing
- reliability and fault-tolerance
- simulation and visualization
- software tools and environments
- mobile computing and applications

Papers are expected to contain background material to make them accessible to the entire community of this research field. Papers describing experiences should indicate how they illustrate general principles; papers about foundations should indicate how they relate to practice.

## Information for Authors

All accepted papers will be published by CCIS/LNCS series (confirmed: indexed by SCOPUS, EI and others); Selected papers will be included in a special issue of some international journals:

- Journal of Supercomputing (indexed by SCI)
- Journal of Internet Technology (indexed by SCIE)
- Future Generation Computer Systems (indexed by SCIE)
- SENSORS (indexed by SCI(E))
- INFORMATION (indexed by SCI(E))

Submissions will be judged on relevance, originality, significance, clarity, and correctness. The session chair allocates at least two reviewers to each paper, and makes a decision based on the reviews about whether the paper is accepted without change, rejected, or accepted subject to specified modifications. The paper should be prepared according to the “Information for LNCS authors” at <http://www.springer.de/comp/lncs/authors.html>, and limited to at most ten pages in total. Papers must be submitted electronically to <http://submission.sersc.org/ASEA2011/>.

## Important Dates

- **Paper Submission: July 20, 2011**
- Acceptance Notification: August 31, 2011
- Camera-Ready Paper: September 20, 2011

## Session/Program Chair

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