**Call For Paper**

**IEEE International Conference on Service-Oriented Computing and Applications (SOCA'09)**

December 14 - 15, 2009

Academic Sinica, Taipei, Taiwan

http://www.iis.sinica.edu.tw/soca09

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**PURPOSE AND SCOPE**

With the ever-increasing complexity in today’s computing systems and their complex interactions with the physical environments, service-oriented computing (SOC) is considered as a key technology to combat the complexity for developing robust and high quality applications. The extensive research and development in the past few years have pushed the SOC technology into business process, high performance computing, web-based services, embedded systems, and many other important areas. With more and more services moved into the “cloud” and ubiquitous end devices that interface with physical environments becoming prevalent, it is time that we reexamine the directions of SOC research and identify new research opportunities and challenges to advance the technology.

SOCA'09 provides an international forum for researchers from multiple disciplines to exchange and share their experiences, new ideas, and latest research results on all aspects of service-oriented computing. All accepted papers will appear in the Proceedings of SOCA 2009 and be included in IEEE Xplore and indexed by EI. Best papers from the proceedings will be selected for publication in the Springer Journal on Service-Oriented Computing and Applications (SOCA) or special issues in international journals to be announced. Topics of interest include, but are not limited to:

- Service-oriented architecture
- Service-oriented software engineering
- Service system technology
- Service-oriented semantic computing
- SOC for cyber-physical systems
- Embedded and real-time services
- Grid and cloud services
- Service-oriented applications

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**IMPORTANT DATES**

- **Paper Submission Due:** August 1, 2009
- **Author Notification:** September 15, 2009
- **Final Manuscript Due:** October 15, 2009

**PAPER SUBMISSION**

Papers presenting original and unpublished work are invited to be submitted and will be evaluated based on originality, significance, technical soundness, and clarity of exposition. Submitted papers should be formatted in a two-column IEEE Computer Society format (URL: [http://computer.org/cpress/instruct.htm](http://computer.org/cpress/instruct.htm)) and should not exceed 8 pages including figures and references. Submissions will be handled via the conference web site at: [http://www.iis.sinica.edu.tw/soca09](http://www.iis.sinica.edu.tw/soca09).

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