

**Call for Papers: International Workshop on Reliable, Embedded and Scalable Computing 2010  
(RESCom'10)**

**Atlanta, GA, USA , October 27-30, 2010**

<http://mescal.imag.fr/membres/sangho.yi/RESCom10/>

Held in conjunction with RACS'10 (October 27-30)

<http://oslab.ssu.ac.kr/CFP/RACS2010/>

**Goals and Topics:**

The purpose of this workshop is to discuss fault-tolerance and reliability on both embedded systems and large-scale systems for running dedicated-purpose applications. The main point of the workshop will be to have systems people, middle-ware people (including fault-tolerance-related experts), and applications people talk about the issues and figure out what needs to be done, mostly at the system and middle-ware levels, to run such applications on the coming dedicated systems (which means both the embedded systems and the large-scale systems,) without having faults cause diverse of different architectures and large numbers of application failures.

This workshop session provides a forum for the presentation of high-quality, original research covering all aspects of the dedicated-systems' design, analysis, implementation, evaluation, and case-studies. Major topics of interest include but are not limited to the following:

- Reliability, availability, and safety of software
- Modeling, prediction, simulation and evaluation
- Validation, verification and testing
- Methods and theories
- Reliable and safety-critical systems
- Fault tolerance, survivability and resilience of software
- Architecture, design and system integration
- Metrics, measurements and analysis
- Automation and tools
- Practical experiences reports

**Workshop Chair:**

**Sangho Yi**

INRIA, Grenoble Rhone-Alpes

France

**Important Dates:**

Abstracts due:	July 24, 2010	Acceptance Notification:	August 20, 2010
Papers due:	July 31, 2010	Camera-ready due:	August 31, 2010

**Submission Guidelines:**

Authors are invited to submit original papers in all areas of reliable software and autonomous computing. All papers will be fully refereed and undergo a blind review process by at least three referees. All accepted papers should be submitted in ACM 2-column camera-ready format for publication in the conference proceedings. The final version of the paper should not be more than 6 pages long; 4 extra pages will be allowed at additional cost. Selected papers will be recommended for publication in an International Journal as a special RACS 2010 section.

**Program committee:**

<b>Artur Andrzejak</b>	(Institute for Infocomm Research, Singapore)
<b>Bahman Javadi</b>	(University of Melbourne , Australia)
<b>Cheolgi Kim</b>	(University of Illinois at Urbana-Champaign, USA)
<b>Derrick Kondo</b>	(INRIA, France)
<b>Eric M. Haien</b>	(Osaka University, Japan)
<b>Jonatha Anselmi</b>	(Basque Center for Applied Mathematics , Spain)

For more information on the workshop, please don't hesitate to contact:  
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