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ACM S&D4RCES: International workshop on Security and Dependability for Resource
Constrained Embedded Systems (Secure and dependable RCES by design)
in conjunction with SAFECOMP 2010 conference (<http://www.safecomp.org/>)
Vienna, Austria, 14 September 2010
<http://www.irit.fr/SD4RCES/>

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-CFP:

The main focus of SD4RCES is on the topic of making security and dependability expert knowledge available to Resource Constrained Embedded Systems (RCES) engineering processes. Special emphasis will be devoted to promote discussion and interaction between researchers and practitioners focused on the particularly challenging task to efficiently integrate security and dependability solutions within the restricted available design space for RCES. Furthermore, one important focus is on the potential benefits of the combination of model-driven engineering with pattern-based representation of security and dependability solutions. The workshop aims to bring together researchers from various fields involved in the development and deployment of RCES with a particular focus on the transfer of results from fundamental research to the industrial development of RCES. We believe that the synergy between researchers working in different aspects of this area will produce important benefits. The objective of this workshop is to foster an exchange of ideas among practitioners, researchers and industry involved in the deployment of secure and dependable resource-constrained embedded systems. The exchange of concepts, prototypes, research ideas, and other results which contribute to the academic arena and also benefit business and industrial communities, is of particular interest. Some of the topics that we seek to include in the workshop are related to the development of models and tools to support the inclusion of security and dependability (SD) issues into the RCES engineering process. Topics of interest include, but are not limited to:

- * Verification, testing and validation of SD by design in RCES
- * Design process of SD patterns
- * Model-based repository of SD patterns for RCES
- * Formalization of SD properties at the pattern level
- * SD requirements engineering for RCES
- * Inheritance of SD properties upon integration of patterns
- * Integration process of SD patterns
- * Customization of application sector specific processes
- * Support tools for assisting modeling, deployment and configuration of SD by design
- * RCES development and engineering processes
- * Case studies, empirical results, experience reports, etc...

- The workshop program:

- * Presentations of research papers
- * Work in progress
- * Industrial presentations
- * Ongoing projects
- * Working sessions and Panel discussion

- Important dates:

- * Intention to submit: July 20, 2010
- * Paper submission: August 13, 2010
- * Acceptance Notification: August 25, 2010
- * Camera Ready version: September 1, 2010
- * Workshop day: September 14, 2010

- Co-organizers :

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- Program Committee:

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