1st Workshop on Systems Resilience (WSR-2013)

June 24, 2013 - Budapest, Hungary

In conjunction with
the 43rd Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2013)

CALL FOR PAPERS

Workshop Organizers

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Program Committee

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Important Dates

Workshop Paper Submission:	March 18, 2013
Notification of Acceptance:	April 12, 2013
Camera Ready Deadline:	April 30, 2013

Contacts and information

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Workshop webpage

http://2013.dsn.org/main/workshop-cfps/call-for-papers-wsr-2013/

Goals

A resilient system is a system that can, in the face of unknown, large- scale events, recover from the failures and maintain its functions. It is known that many systems, such as biological systems, human mind, social systems, and dependable engineering systems exhibit this property. However, it is not clear how we should identify general "resilience" properties or strategies applicable to systems in many different domains. The purpose of this workshop is to bring the insights from various fields of resilient systems and explore common research challenges and design principles in the new discipline of "systems resilience."

Topics of interest

- Resilience definitions and metrics
- Risk management and vulnerability analysis in complex systems
- Case studies for resilient or non-resilient systems
- Recovery-oriented and autonomic computing
- Self-healing systems
- Bio-inspired adaptation and diversification techniques
- Resilient networks
- Modeling and simulation techniques for resilient systems
- Business continuity plan and dynamic policy management
- Human factors in resilient systems
- Organizational or social resilience

Submission instructions

Submitted papers must not substantially overlap papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. Submissions should be at most 8 pages in the IEEE Computer Society two-column camera-ready format. You should prepare your paper either with the Word template or the Latex package available at www.computer.org/portal/web/cscps/formatting/. The workshop will also consider short submissions of up to 4 pages for position papers. Submissions must be made electronically as a single Portable Document Format (PDF) file via the workshop submission site at www.softconf.com/d/wsr2013/. Accepted submissions will be included in the DSN 2013 proceedings and on IEEE Xplore as workshop papers.