



Special Issue on Software Dependability

Call for Papers

In systems engineering, dependability is a measure of a system's availability, reliability, and its maintainability, and maintenance support performance, and, in some cases, other characteristics such as durability, safety and security. In software engineering, dependability is the ability to provide services that can defensibly be trusted within a time-period. This may also encompass mechanisms designed to increase and maintain the dependability of a system or software.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Software Dependability**. Potential topics include, but are not limited to:

- Dependability measurement, modeling, evaluation, and validation
- Encryption, authentication, availability assurance
- Threat and vulnerability modeling
- Risk/threat assessment and management
- Data security, privacy, and reliability
- Internet dependability and quality of service
- Failure, vulnerability and threat analysis and assessment
- Software and hardware reliability, testing, verification, and validation
- Self-healing, self-protecting, and fault-tolerant systems
- Software aging and rejuvenation
- Fault-tolerant algorithms and protocols
- Architecture and system design for dependability

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Software Dependability**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	January 25th, 2017
Publication Date	March 2017



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