The Student Forum at LADC'2009

Message from the Chairs

The Student Forum at LADC'2009 provides an opportunity for students currently working in the area of dependable and secure computing to present and discuss their research objectives, approaches and preliminary results. This year eight student papers were selected to be presented at the Student Forum sessions, covering several fields of Dependable Computing. The Student Forum Co-Chairs would like to thank all the students who submitted papers this year, and the Organization Committees of both JEMS and LADC'2009 for the support.

Elias P. Duarte Jr., UFPR
Fabiola G. P. Greve, UFBA
Ingrid Jansch-Porto, UFRGS

Program

Session 1: Testing & Dependability

Checking Code Against Design Rules with Design Tests
João A. B. Monteiro, UFCG, Brazil

Interoperability and Robustness Test Generation for Timed System Integration
Fátima Mattiello-Francisco, INPE/IT, Brazil

Improving the Dependability of Tests Involving Asynchronous Operations
Ayla D. D. Souza, UFCG, Brazil

Fault Diagnosis in Computational Grids Through Automated Tests
Alexandre Duarte, UFCG, Brazil

Session 2: Dependability of Complex Systems

Dependability Analysis of the Controller-Pilot Data Link Communications Application
Fernando Gil, USP, Brazil

Automock: Interaction-Based Mock Code Generation
Sabrina Souto, UFCG, Brazil

Providing Security and a Consistent Failure Detection Semantic for Asynchronous Distributed Objects
Rodrigo Miranda, UFCG, Brazil

Influence of the Computing System Configuration on the Tolerance Parameters
Oleg Brekhov, Juan Reza Salgado, Moscow Aviation Institute, Russia