

ICTSS

22nd IFIP International Conference on Testing Software and Systems

NOVEMBER 8 - 10 2010

NATAL - BRAZIL



22nd IFIP International Conference on Testing Software and Systems (ICTSS)

November 8 – 10, 2010, Natal, Brazil

<http://ictss2010.dimap.ufrn.br/ictss/>

ICTSS is the merge of the 22nd IFIP Int. Conference on Testing of Communicating Systems (TESTCOM) and the 10th Int. Workshop on Formal Approaches to Testing of Software (FATES). ICTSS is a forum for researchers, developers, testers, and users to review, discuss, and learn about new approaches, concepts, theories, methodologies, tools, and experiences in the field of testing of general software and systems. ICTSS will be co-located with 13th Brazilian Symposium on Formal Methods and 4th Brazilian Workshop on Software Testing.

TOPICS OF INTEREST

- Aspects of testing: test derivation, test selection, test coverage, test implementation and execution, test result analysis, test oracles, test management, monitoring and run-time verification, testing frameworks
- Model-based testing using automata, state machines, process algebra, logics, SDL, UML, Markov-chains, and other formalisms
- Various types of testing: functional, interoperability, performance, conformance, security, reliability, robustness, etc
- Application specific testing, e.g., testing of communicating systems and protocols, middleware, networks, web services and applications, wireless applications, control systems, business information systems, embedded and real-time software
- Tools supporting testing activities
- Case studies and industrial applications of testing methodologies and testing tools

TYPES OF CONTRIBUTIONS

- Full research and industrial papers (max. 16 pages). Research papers should contain theory- or application-oriented results which must be original, significant, and sound; they will undergo a usual reviewing process. Industrial papers should emphasize practical software testing and/or report open challenges; they will undergo a separate reviewing process. Full papers will be published in LNCS. The authors of best papers will be invited to submit extended versions of their papers for a special issue of an international journal (under negotiation).
- Short papers (max. 6 pages) describing recent research activities, practical experience, and preliminary results that are worth discussing. Short papers will be published as a Technical Report of CRIM with an ISBN number available online.
- Tutorial proposals (3 pages).

IMPORTANT DATES

April 26, 2010: Abstract submission
May 3, 2010: Full paper submission
July 1, 2010: Notification of acceptance
July 15, 2010: Camera-ready version

July 19, 2010: Short paper submission
September 9, 2010: Notification of acceptance

July 19, 2010: Tutorial proposals
August 9, 2010: Notification of acceptance

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