Special Issue of Software Quality Journal
on
Test Automation for Software Quality Assurance

1. Abstract

The special issue will focus on the subject of software test automation in the context of software quality assurance. It will cover, but is not limited to, the following aspects related to software test automation:

1) *Methodology:* Software test automation in various software development methodologies.

2) *Technology*: Automation of various test techniques and methods for testing related activities, as well as for testing various types of software applications.

3) *Tools and environments:* Issues in the development, operation, maintenance and evolution of software testing tools and environments, and their integration and inter-operation with other types of software development and maintenance tools and runtime support environments and platforms.

4) *Experiments, empirical studies and experience reports*: Experiments, empirical studies of software test automation, as well as reports on real experiences in using automated testing techniques, methods and tools in industry.

5) *Identification of problems and visions of the future:* The identification of problems that hamper wider adoption of automated test techniques, methods and tools and the analysis and specification of the requirements on automated software testing.

2. Guest Editors

The guest co-editors are the workshop Program Committee Co-chairs and the Chair of AST Steering Committee:

- *Prof. Hong Zhu*, Oxford Brookes University, Oxford OX33 1HX, UK, Tel.: +44 (1865) 484580, hzhu@brookes.ac.uk (*Chair of AST Steering Committee*)
- *Dr. Rajesh Subramanyan,* Siemens Healthcare Diagnostics, 1584 Enterprise Blvd, W. Sacramento, CA 95691, USA. Tel: (916) 374 2475. Email: subramanr19@gmail.com (*AST 2015 PC Co-Chair*)
- *Prof. Leonardo Mariani,* University of Milano Bicocca, viale Sarca 336, 20149 Milan – Italy Tel: (+39)0264487870. Email: mariani@disco.unimib.it (*AST 2015 PC Co-Chair*)
- *Prof. Dan Hao*, Peking University, Room 1431, Science Building #1, Peking University, Beijing 100871, China. Tel: 86-10-62757008-11, Email: haodan@pku.edu.cn (*AST 2015 PC Co-Chair*)

3. Important dates

- May. 31, 2015: open call-for-papers
- Oct 15, 2015: submission deadline

4. Paper Submission

Authors are encouraged to submit high-quality, original work that has neither appeared in, nor is under consideration by, other journals. Springer offers authors, editors and reviewers of *Software Quality Journal* a web-enabled online manuscript submission and review system. Our online system offers authors the ability to track the review process of their manuscript. This online system offers easy and straightforward log-in and submission procedures, and supports a wide range of submission file formats. Manuscript should be submitted to: http://SQJO.edmgr.com. Choose "**S.I.: Test Automation for Software Quality Assurance**" as the article type.