

Call for Papers

Special Issue of the Journal of Software Maintenance and Evolution: Research and Practice on Global Software Engineering

Guest Editors: Alberto Avritzer, Yael Dubinsky and Allen Milewski

Theme

Software and IT industries are truly global today, and so is software engineering. The diversity of culture and the dispersion over time and space require novel techniques, tools, and practices from many disciplines to overcome challenges and to take advantage of opportunities global software engineering offers.

The special issue on Global Software Engineering will present the state-of-the-art of some of the solutions for global software engineering challenges. The aim of this issue is to attract outstanding papers representing the state of the art in global software engineering.

Topics

Topics of interest include, but are not restricted to:

- Strategic issues in distributed development: business models (offshoring, nearshoring, outsourcing etc.), business case development, work distribution models, supplier selection and management, governance frameworks for distributed environment, cost-benefit-risk analysis
- Managing and governing distributed software development: planning, team building, project and SLA management, managing diversity, measurements and evaluation
- Methods and tools for distributed software development: requirements engineering, design, coding, verification, testing and maintenance, development governance
- Communication, coordination and collaboration
- Knowledge management in distributed development
- Getting started with global software engineering
- Empirical studies and lessons learnt on distributed development
- Software Process paradigms in the global environment (planned, agile etc)
- Teaching global software development
- Human behaviors in distributed development environments

Important Days

Submission of papers: July 31, 2010

Acceptance notification of the papers: September 31, 2010

Revised version due: November 30, 2010

All accepted papers are due: December 15, 2010

Publishing date (tentative): February, 2011

Submission

Authors should submit their paper via the ScholarOne Manuscripts

<http://mc.manuscriptcentral.com/jsme> and select the special issue on global software engineering (please use code: ICGSE 2010, Editor Allen Milewski) of the Journal of Software Maintenance and Evolution: Research and Practice.

Submitted papers should not exceed 20 pages.

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere.

