Theme  Many results in Software Engineering suffer from threats to validity that can be addressed by the replication of previous empirical studies. The primary goal of this workshop is to raise the quality and amount of replication work performed in software engineering research. The workshop intends to be a forum for small-scale replications that are otherwise hard to publish. Accordingly, and in addition to general paper submissions, we collect results for one specific joint replication each year—soliciting small-scale replications, from which we intend to form large-scale replications by meta-analysis. Through this process, we expect to produce valuable insights on practical issues concerning replication. In addition, the workshop seeks to identify and suggest solutions for recurring practical problems in selecting, designing, performing, reporting, and publishing replication studies by furthering appropriate methods, tools, and standards.

Deadlines
Submission: 3 May 2011 (final)
Notification: 7 June 2011
Camera Ready: 28 June 2011

Organizing Committee
Natalia Juristo — Universidad Politécnica de Madrid, Spain
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Claes Wohlin — Blekinge Institute of Technology, Sweden
Murray Wood — University of Strathclyde, UK

Topics
Practice
- Replications confirming previous studies
- Replications contradicting previous studies
- “Useless replications”: small replications that contribute a few data points to a large joint replication of one particular study
- Surveys of replication studies in selected topic areas

Methods
- Experience-driven advice on replication techniques and tools
- Reliable and accessible data stores
- Methods of reporting results to facilitate replication
- Replication methods and insights from other research fields

Theory
- Philosophical positions

Joint Replication  Participate in this year’s joint replication project! Simply download the package from the workshop website (http://sequoia.cs.byu.edu/reser2011), conduct the guided experiment (framework provided), and write-up the results. Individual results will be compiled into a major, distributed, joint replication. Additionally, all reports will be published in full and authors will share their work in a joint session at the workshop. Follow us on Twitter for live updates: @reser2011.

Proceedings  All accepted papers will be published as full papers. Additionally, 5–7 papers will be selected for formal presentation at the workshop, and all submissions for the joint replication will be presented in a joint session. All other accepted papers will be invited for poster presentation. Valid results will not be rejected. At least one author of each accepted paper must register for and attend the workshop. See the website for further details.

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