

# 3rd International Workshop on Replication in Empirical Software Engineering Research

Baltimore, Maryland, USA, October 9, 2013  
at *Empirical Software Engineering International Week*

# RESER

<http://sequoia.cs.byu.edu/reser2013>

**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:** June 8, 2013 (*extended*)

**Notification:** July 8, 2013

**Camera Ready:** July 22, 2013

## Organizing Committee

Christian Bird – *Microsoft Research, USA*

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Dietmar Pfahl – *Pika Research Inc., Canada*

Megan Squire – *Elon University, USA*

Sira Vegas – *Universidad Politécnica de Madrid, Spain*

Patrick Wagstrom – *IBM T. J. Watson Research Center, USA*

Murray Wood – *University of Strathclyde, UK*

**Joint Replication** Consider participating in this year's joint replication project! *Individual results will be compiled into a major, distributed, joint replication (i.e., a journal paper, special issue, or something of that sort).* Contributors will also have the opportunity to participate in the synthesis and publication of joint results. Additionally, all reports will be published in full and authors will share their work in a joint session at the workshop. See website for details.

**Student Project Reports** In many graduate courses, students have opportunities to perform small-scale replications. We invite the submission of reports from student projects. Accordingly, these reports and/or projects are not expected to be as comprehensive as a full-scale study and, understandably, may be subject to more threats to validity. In particular, we hope students will take the opportunity to explore new angles to old problems (such as Conway's Law—this year's Joint Replication Project).

## Topics

For updates follow us on Twitter

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### Practice

- Replications confirming previous studies.
- Replications contradicting previous studies.
- *Useless replications*—small replications that contribute a few data points for use in meta-analyses.
- Surveys of replication studies in selected topic areas.
- Consider participating in this year's Joint Replication Project.
- Student project reports, particularly for the Joint Replication Project.

### 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.
- Insights from other research fields.

**Proceedings** All accepted papers—including joint replication reports—will be submitted to the Computer Society Digital Library (CSDL) and to IEEE Xplore. See website for formatting guidelines and other details.