

# **2013 1st International Workshop on Release Engineering**

**(RELENG 2013)**

**San Francisco, California, USA  
20 May 2013**



**IEEE Catalog Number: CFP13ZAM-POD  
ISBN: 978-1-4673-6442-3**

# Contents

Foreword . . . . .	iii
<b>Adding Automatic Dependency Processing to Makefile-Based Build Systems with Amake</b> Jim Buffenbarger — <i>Boise State University, USA</i> . . . . .	1
<b>Eliciting Operations Requirements for Applications</b> Len Bass, Ross Jeffery, Hiroshi Wada, Ingo Weber, and Liming Zhu — <i>NICTA, Australia; UNSW, Australia</i> . . . . .	5
<b>Kanbanize the Release Engineering Process</b> Noureddine Kerzazi and Pierre N. Robillard — <i>Payza, Canada; Polytechnique Montréal, Canada</i> . . . . .	9
<b>Ant Build Maintenance with Formiga</b> Ryan Hardt and Ethan V. Munson — <i>University of Wisconsin-Milwaukee, USA</i> . . . . .	13
<b>Charon: Declarative Provisioning and Deployment</b> Eelco Dolstra, Rob Vermaas, and Shea Levy — <i>LogicBlox, USA</i> . . . . .	17
<b>Releasing Sooner or Later: An Optimization Approach and Its Case Study Evaluation</b> Jason Ho and Guenther Ruhe — <i>University of Calgary, Canada; Expert Decisions, Canada</i> . . . . .	21
<b>Branching Strategies Based on Social Networks</b> Noureddine Kerzazi — <i>Payza, Canada</i> . . . . .	25
<b>What Effect does Distributed Version Control have on OSS Project Organization?</b> Peter C. Rigby, Earl T. Barr, Christian Bird, Premkumar Devanbu, and Daniel M. German — <i>Concordia University, Canada; University College London, UK; Microsoft Research, USA; UC Davis, USA; University of Victoria, Canada</i> . . . . .	29
<b>The Future of Continuous Integration in GNOME</b> Colin Walters, Germán Poo-Caamaño, and Daniel M. German — <i>Red Hat, USA; University of Victoria, Canada</i> . . . . .	33