2nd International Workshop on Regression Testing
April 17, 2012, Montreal, Quebec, Canada

General Chair: Shin Yoo (University College London)
Program Chair: Gregory M. Kapfhammer (Allegheny College)
Web Chair: Jonathan Miller Kauffman (Allegheny College)
Current State of Regression Testing

Regression Testing
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Positive Benefits
Current State of Regression Testing

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Positive Benefits

Increased Attention
Current State of Regression Testing

Regression Testing

Positive Benefits
Increased Attention
Pressing Challenges
Current State of Regression Testing

Regression Testing

Positive Benefits

Increased Attention

Pressing Challenges

Community needs a communication forum and a rallying point!
This Series of Workshops
This Series of Workshops

Workshop’s Goals
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Unification
This Series of Workshops

Workshop’s Goals

Unification

Collaboration
This Series of Workshops

Workshop’s Goals

Unification
Collaboration
Exploration
This Series of Workshops

Workshop’s Goals

- Unification
- Collaboration
- Exploration

Co-located with the 5th IEEE International Conference on Software Testing, Verification and Validation (ICST 2012)
Regression 2012: Theme and Challenge
Regression 2012: Theme and Challenge

Workshop’s Theme
Regression 2012: Theme and Challenge

Workshop’s Theme

Minimizing Problems
Regression 2012: Theme and Challenge

Workshop’s Theme

Minimizing Problems
Maximizing Potential
Regression 2012: Theme and Challenge

Workshop’s Theme

Minimizing Problems
Maximizing Potential
Mapping Prospects
What is the unique contribution that you can make to this workshop and the community?
International Program Committee

David Binkley, Loyola University in Maryland
Christian Bird, Microsoft
Yuriy Brun, University of Washington
Christof J. Budnik, Siemens Corporate Research
Wing-Kwong Chan, City University of Hong Kong
James Clause, University of Delaware
Christoph Csallner, University of Texas at Arlington
Massimiliano Di Penta, University of Sannio
Hyunsook Do, North Dakota State University
Gordon Fraser, Saarland University
Vahid Garousi, University of Calgary
International Program Committee

Sudipto Ghosh, Colorado State University
Mark Grechanik, Accenture Technology Labs
Rajiv Gupta, University of California, Riverside
Mark Harman, University College London
Bogdan Korel, Illinois Institute of Technology
Sarfraz Khurshid, University of Texas at Austin
Hareton Kam Nang Leung, Hong Kong Polytechnic University
Zheng Li, Beijing University of Chemical Technology
Atif Memon, University of Maryland
Andy Podgurski, Case Western Reserve University
Lori Pollock, University of Delaware
International Program Committee

Adam Porter, University of Maryland
Marc Roper, University of Strathclyde
Gregg Rothermel, University of Nebraska-Lincoln
Per Runeson, Lund University
Saurabh Sinha, IBM Research
Mary Lou Soffa, University of Virginia
Sara Sprenkle, Washington and Lee University
Matt Staats, Korea Advanced Institute of Science and Technology
Nikolai Tillmann, Microsoft
Willem Visser, University of Stellenbosch
Neil Walkinshaw, University of Leicester
International Program Committee

W. Eric Wong, University of Texas at Dallas
Lu Zhang, Peking University
Thomas Zimmermann, Microsoft
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Thomas Zimmermann, Microsoft

Each paper received at least four high-quality reviews from recognized experts in the field of regression testing
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At the conclusion of a discussion period involving all papers, the workshop’s organizers made final decisions on acceptance.
Industry Keynote

Enterprise Scale Regression Testing

John Penix, Google

9:00 - 9:45 am
Academia Keynote

Acknowledging the Elephant in the Room: Brittle Test Cases
Atif Memon, University of Maryland

9:45 - 10:30 am
Technology Keynote

Along Came a Spider: Tarantula in Regression and Progression

James A. Jones, University of California, Irvine

2:00 - 2:45 pm
Technology Keynote

What Does My Program Do Today, and What Will It Do Tomorrow?
Yuriy Brun, University of Washington

2:45 - 3:30 pm
Research Paper Sessions

Six Accepted Papers
Research Paper Sessions

Six Accepted Papers

Two Paper Sessions
Research Paper Sessions

Six Accepted Papers

Two Paper Sessions

Short Papers: 15+5=20
Research Paper Sessions

Six Accepted Papers

Two Paper Sessions

Fast Abstracts: 8 + 2 = 10

Short Papers: 15 + 5 = 20
Research Paper Sessions

Six Accepted Papers

Two Paper Sessions

Fast Abstracts: 8+2=10

Short Papers: 15+5=20

Yoo will chair Session I and Kapfhammer will chair Session II
Presentation Timing
Lightning Talks

REGRESSION

2012

Present your shocking idea with one slide in five minutes or less!
Lightning Talks

Present your shocking idea with one slide in five minutes or less!

Prepare your slide today from 12:00 noon - 12:30 pm
Onward to the Workshop!

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Shin Yoo @DrSYoo
Gregory M. Kapfhammer @GregKapfhammer
Follow the workshop! @Regression2012