



6th IEEE Intl. Working Conference on Mining Software Repositories (MSR-09)

Vancouver, Canada
 May 16–17, 2009
<http://msrconf.org>

MSR-09 Final Program

Saturday, 16 May 2009

9:00 – 9:10	Welcome to MSR-09 from the chairs
9:10 – 10:30	Keynote Session Chair: Mike Godfrey (MSR-09 Program co-chair) <i>Success Factors of Business Intelligence</i> Dr. Michael McAllister, Director of Academic Research Centres (ARC), SAP Business Objects
10:30 – 11:00	<i>Coffee break</i>
11:00 – 12:30	Paper session #1: Version control and infrastructure Session chair: Michele Lanza <ul style="list-style-type: none"> • <i>The Promises and Perils of Mining Git</i> Christian Bird, Peter Rigby, Earl Barr, David Hamilton, Daniel German, and Premkumar Devanbu • <i>Amassing and indexing a large sample of version control systems: Towards the census of public source code history</i> Audris Mockus • <i>MapReduce as a General Framework to Support Research in Mining Software Repositories</i> Weiyi Shang, Zhen Ming Jiang, Bram Adams, and Ahmed E. Hassan • <i>A Platform for Software Engineering Research</i> Georgios Gousios and Diomidis Spinellis
12:30 – 2:00	<i>Lunch</i>
2:00 – 3:30	Paper session #2: Defect Prediction Session chair: Tom Zimmermann <ul style="list-style-type: none"> • <i>Evaluating the Relation Between Coding Standard Violations and Faults Within and Across Software Versions</i> Cathal Boogerd and Leon Moonen • <i>Tracking Concept Drift of Software Projects Using Defect Prediction Quality</i> Jayalath Ekanayake, Jonas Tappolet, Harald Gall, and Abraham Bernstein • <i>Does Calling Structure Information Improve the Accuracy of Fault Prediction?</i> Yonghee Shin, Robert Bell, Thomas Ostrand, and Elaine Weyuker
3:30 – 4:00	<i>Coffee break</i>
4:00 – 5:00	Paper Session #3: Text analysis Session chair: Denys Poshyvanyk <ul style="list-style-type: none"> • <i>Mining Source Code to Automatically Split Identifiers for Software Analysis</i> Eric Enslin, Emily Hill, Lori Pollock, and K. Vijay-Shanker • <i>Code Siblings: Technical and Legal Implications of Copying Code Between Applications</i> Daniel German, Massimiliano Di Penta, Yann-Gaël Guéhéneuc, and Giuliano Antoniol
5:00 – 5:10	Challenge paper Session chair: Christian Bird (MSR-09 Challenge chair) <ul style="list-style-type: none"> • <i>Author Entropy vs. File Size in the GNOME Suite of Applications</i> Jason Casebolt, Jonathan Krein, Alexander MacLean, Charles Knutson, and Daniel Delorey
5:10 – 5:30	MSR Poster Madness Session chair: Miryung Kim (MSR-09 Poster chair) <ul style="list-style-type: none"> • Each poster presenter will have one slide and one minute to motivate your desire to talk to them during Sunday's poster session
Evening	Conference dinner

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Sunday, 17 May 2009

9:00 – 9:05	Welcome to ICPC from Gerry Gannod (ICPC-09 General chair)
9:05 – 10:10	Joint MSR-09 / ICPC-09 Keynote (plus Q&A) Session chair: Jim Whitehead (MSR-09 Program co-chair) <i>A Brief History of Software — From Bell Labs to Microsoft Research</i> Dr. Thomas Ball, Principal Researcher, Microsoft Research
10:10 – 10:30	ICPC Poster Madness Session chair: Romain Robbes (ICPC-09 Poster chair) <ul style="list-style-type: none"> Each poster presenter will have one slide and one minute to motivate your desire to talk to them during the poster session that follows the coffee break.
10:30 – 11:00	<i>Coffee break</i>
11:00 – 12:30	Joint MSR-09 / ICPC-09 Poster and tool demo session Session chairs: Miryung Kim (MSR-09 Poster chair), Romain Robbes (ICPC-09 Poster chair), and Scott Fleming (ICPC-09 Tool chair) <ul style="list-style-type: none"> A “massively parallel” session in which MSR-09 and ICPC-09 posters and ICPC-09 tool demos will be presented by their authors / developers.
12:30 – 2:00	<i>Lunch</i>
2:00 – 3:00	MSR Challenge Session chair: Christian Bird (MSR-09 Challenge chair) General challenge papers <ul style="list-style-type: none"> <i>Evaluating Process Quality in GNOME based on Change Request Data</i> Holger Schackmann and Horst Lichter <i>Mining the Coherence of GNOME Bug Reports with Statistical Topic Models</i> Erik Linstead and Pierre Baldi <i>Visualizing Gnome with The Small Project Observatory</i> Mircea Lungu, Jacopo Malnati, and Michele Lanza <i>On the Use of IRC Channels by Developers of the GNOME GTK+ Open Source Project</i> Emad Shihab, Zhen Ming Jiang, and Ahmed E. Hassan Prediction results <ul style="list-style-type: none"> Summary of results and presentation of award General Challenge Results: <ul style="list-style-type: none"> Presentation of award Introduction of MSR 2010 challenge chair
3:00 – 3:30	Paper session #4: Topic mining Session chair: Audris Mockus <ul style="list-style-type: none"> <i>Mining Search Topics From A Code Search Engine Usage Logs</i> Sushil Bajracharya and Cristina Lopes
3:30 – 4:00	<i>Coffee break</i>
4:00 – 5:15	Paper session #5: Developers Session chair: Harald Gall <ul style="list-style-type: none"> <i>From Work to Word: How Do Software Developers Describe their Work?</i> Walid Maalej and Hans-Jörg Happel <i>Assigning Bug Reports using a Vocabulary-Based Expertise Model of Developers</i> Dominique Matter, Adrian Kuhn, and Oscar Nierstrasz <i>Mining the History of Synchronous Changes to Refine Code Ownership</i> Lile Hattori and Michele Lanza
5:15 – 5:30	Closing remarks, MSR-10 announcement