Paper session 1: Bugs, Bugs, Bugs

1. Predicting the Severity of a Reported Bug  
   (Ahmed Lamkanfi, Serge Demeyer, Emanuel Giger, Bart Goethals)

11. Identifying Security Bug Reports via Text Mining: An Industrial Case Study  
    (Michael Gegick, Pete Rotella, Tao Xie)

21. Assessing UML Design Metrics for Predicting Fault-Prone Classes in a Java System  
    (Ariadi Nugroho, Michel R.V. Chaudron, Erik Arisholm)

31. An Extensive Comparison of Bug Prediction Approaches  
    (Marco D’Ambros, Michele Lanza, Romain Robbes)

Paper session 2: Evolution & Quality

42. The Evolution of ANT Build Systems  
    (Shane McIntosh, Bram Adams, Ahmed E. Hassan)

52. The Ultimate Debian Database: Consolidating Bazaar Metadata for Quality Assurance and Data Mining  
    (Lucas Nussbaum, Stefano Zacchirol)

62. When Process Data Quality Affects the Number of Bugs: Correlations in Software Engineering Datasets  
    (Adrian Bachmann, Abraham Bernstein)

72. Clones: What is That Smell?  
    (Foyzur Rahman, Christian Bird, Premkumar Devanbu)
Mining Challenge

82  Mining Challenge 2010: FreeBSD, GNOME Desktop and Debian/Ubuntu
    (Abram Hindle, Israel Herraiz, Emad Shihab, Zhen Ming Jiang)

86  Perspectives on Bugs in the Debian Bug Tracking System
    (Julius Davies, Hanyu Zhang, Lucas Nussbaum, Daniel M. German)

90  Mining Security Changes in FreeBSD
    (Andreas Mauczka, Christian Schanes, Florian Fankhauser, Mario Bernhart,
     Thomas Grechenig)

94  Assessment of Issue Handling Efficiency
    (Bart Luijten, Joost Visser, Andy Zaidman)

98  Cloning and Copying Between GNOME Projects
    (Jens Krinke, Nicolas Gold, Yue Jia, David Binkley)

102 Finding File Clones in FreeBSD Ports Collection
    (Yusuke Sasaki, Tetsuo Yamamoto, Yasuhiro Hayase, Katsuro Inoue)

106 A Comparative Exploration of FreeBSD Bug Lifetimes
    (Gargi Bougie, Christoph Treude, Daniel M. German, Margaret-Anne Storey)
Short Papers

110  Assessing the Precision of FindBugs by Mining Java Projects Developed at a University  
(Antonio Vetro', Marco Torchiano, Maurizio Morisio)

114  Abstracting Log Lines to Log Event Types for Mining Software System Logs  
(Meiyappan Nagappan, Mladen A. Vouk)

118  Do Stack Traces Help Developers Fix Bugs?  
(Adrian Schröter, Nicolas Bettenburg, Rahul Premraj)

122  THEX: Mining Metapatterns from Java  
(Daryl Posnett, Christian Bird, Premkumar Devanbu)

126  OSS Developers Context-Specific Preferred Representational Systems: A Initial  
Neurolinguistic Text Analysis of the Apache Mailing List  
(Methanias Colaço Júnior, Manoel Mendonça, Mario Farias, Paulo Henrique)
Paper session 3: Search & Recommendation

130  Automated Dependency Resolution for Open Source Software  
     (Joel Ossher, Sushil Bajracharya, Cristina Lopes)

141  Mining Subclassing Directives to Improve Framework Reuse  
     (Marcel Bruch, Mira Mezini, Martin Monperrus)

151  Identifying Licensing of Jar Archives Using a Code-Search Approach  
     (Massimiliano Di Penta, Daniel M. German, Giuliano Antoniol)

161  Replaying IDE Interactions to Evaluate and Improve Change Prediction Approaches  
     (Romain Robbes, Damien Pollet, Michele Lanza)

Paper session 4: Replication

171  Replicating MSR: A Study of the Potential Replicability of Papers Published in the  
     Mining Software Repositories Proceedings  
     (Gregorio Robles)

Paper session 5: People & Collaboration

181  Should I Contribute to This Discussion?  
     (Walid M. Ibrahim, Nicolas Bettenburg, Emad Shihab, Bram Adams, Ahmed E. Hassan)

191  Can Development Work Describe Itself?  
     (Walid Maalej, Hans-Jörg Happel)

201  Validity of Network Analyses in Open Source Projects  
     (Roozbeh Nia, Christian Bird, Premkumar Devanbu, Vladimir Filkov)