IWPSE-2003 Preliminary program

Day 1 (Sep.1)

9:00 - 9:15 Welcome

9:15 - 10:30 Keynote
  David Notkin

10:30 - 11:00 <break>

11:00 - 12:30 Full paper session #1 (Analysis)
  Chair: Tom Mens
  Program Slicing Tool for Effective Software Evolution Using Aspect-
  Oriented Technique
    Takashi Ishio, Shinji Kusumoto, Katsuro Inoue (Osaka University, Japan)
  CVS Release History Data for Detecting Logical Couplings
    Harald Gall, Mehdi Jazayeri, Jacek Krajewski (Technical University of Vienna, Austria)
  A Model for Conformance Analysis of Software Documents
    Tien N. Nguyen, Ethan V. Munson (University of Wisconsin-Milwaukee, U.S.A.)

12:30 - 2:00 <lunch>

2:00 - 3:30 Short paper session #1 (Design & Architecture)
  Chair: Atsushi Ohnishi
  Beyond the Refactoring Browser: Advanced Tool Support for Software Refactoring
    Tom Mens, Tom Tourwe, Francisca Munoz (Vrije Universiteit Brussel, Belgium)
  Dynamic Behavior and Protocol Models for Incremental Changes among a Set of Collaborative Objects
    Nguyen Truong Thang, Takuya Katayama (JAIST, Japan)
  Class Refinement for Software Evolution
    Hiroyuki Ozaki, Katsuhiko Gondow, Takuya Katayama (JAIST, Japan)
  Evolution Stability Through COTS Integration
    Robert Balzer (Teknowledge, U.S.A.)
  Lightweight Prevention of Architectural Erosion
    Ciaran O’Reilly, Philip Morrow, David Bustard (University of Ulster, Northern Ireland)
  Process-Oriented Metrics for Software Architecture Evolvability
    Nary Subramanian, Lawrence Chung (University of Texas at Dallas)

3:30 - 4:00 <break>

4:00 - 5:30 Full paper session #2 (Metrics & Evaluation)
  Chair: Harald Gall
  How History Justifies System Architecture (or not)
    Thomas Zimmermann, Stephan Diehl, Andreas Zeller (Saarland University, Germany)
  The Chaos of Software Development
    Ahmed E. Hassan, Richard C. Holt (University of Waterloo, Canada)
  Stability and Volatility in the Linux Kernel
    John Champaign, Andrew Malton, Xinyi Dong (University of Waterloo, Canada)
Day #2 (Sep.2)

9:00 - 10:00  Keynote
   Roland Mittermeier

10:30 - 11:00  <break>

11:00 - 12:00  Short paper session #2 (Business Rule and Metrics)
   Chair: Katsuro Inoue
   Using Coordination Contracts for Flexible Adaptation to Changing Business Rules
   Michel Wermelinger (University of Nova de Lisba, Portugal),
   Georgios Koutsoukos, Richard Avillez, Joao Gouveia, Luis Andrade (ATX Software SA, Portugal),
   Jose Fiadeiro (University of Leicester, UK)
   Business Rule Evolution and Measures in Business Rule Evolution
   Liwen Lin, Suzanne Embury, Brian Warboys (University of Manchester, UK)
   Reconstruction of Successful Software Evolution Using Clone Detection
   Filip Van Rysselberge, Serge Demeyer (Universiteit Antwerpen, Belgium)
   Process-Centric Analytical Processing of Version Control Data
   Dirk Draheim, Lukasz Pekacki (Freie Universitat Berlin, Germany)

12:00 - 13:30  <lunch>

1:30 - 3:30  Full paper session #3 (Architectural Evolution)
   Chair: Ric Holt
   Applying Formal Concepts Analysis to the Construction and Evolution of Domain Frameworks
   Felix Prieto, Yania Crespo, Jose M. Marques, Miguel A. Laguna (University of Valladoid, Spain)
   Reengineering a PC-based System into the Mobile Device Product Line
   Weishan Zhang, Stan Jarzabek (National University of Singapore, Singapore),
   Neil Loughran, Awais Rashid (Lancaster University, UK)
   Experiences with Software Product Family Evolution
   Claudio Riva, Christian del Rosso (Nokia, Finland)
   The Contribution of Free Software to Software Evolution
   Andreas Bauer, Markus Pizka (Technische Universitat Munchen, Germany)

3:30 - 4:00  <break>

4:00 - 4:45  Short paper session #3 (Supporting Tools)
   Chair: Mikio Aoyama
   Integration and Evolution Method of Scenarios from Different Viewpoints
   Zhang Hong Hui, Atsushi Ohnishi (Ritsumeikan University, Japan)
   XML-based Tools for Managing the Evolution of Heterogeneous Software
   Elaine Isnard, Jean-Charles Mathey, Claude Roblez (Prologue Software, France),
   Alexandra Galatescu, Valadimir Florian, Laura Costea, Dan Conescu, Radu Bercaru (National Institute for R & D, Romania),
   Enrique Perez (Virtual Desk, Spain)
   Automatic Categorization Algorithm for Evolvable Software Archive
   Shinji Kawaguchi (Osaka University, Japan), Pankaj K. Garg (Zee Source, U.S.A.),
   Makoto Matsushita, Katsuro Inoue (Osaka University, Japan)

4:45 - 5:15  Wrapup and closing session