ICSR7 Conference Program

Mon 15th

8:00-17:00  Registration

9-17:30 Workshops and Tutorials

AM

Workshop W1:
  ICSR2002 Young Researchers Workshop
  Kai Böllert, Detlef Streitferdt (Technische Universitaet Ilmenau),
  Dirk Heuzeroth (Karlsruhe University)

Workshop W3:
  Workshop on Generative Programming 2002 (GP 2002)
  Merijn de Jonge, Joost Visser (CWI)

Workshop W6:
  Software Reuse and Agile Approaches
  Joseph Yoder (The Refactory, Inc.)

PM

Tutorial A1:
  Software Architecture Quality Analysis Methods
  This tutorial has been cancelled

Tutorial A2:
  Practical Product Line Scoping and Modeling
  Klaus Schmid, Isabel John (Fraunhofer ISESE)

Workshop W3:
  Workshop on Generative Programming 2002 (GP 2002) (part 2)

Workshop W6:
  Software Reuse and Agile Approaches (part 2)

9:00-10:30 Workshops and Tutorials
10:30-11:00 Break
11:00-12:30 Workshops and Tutorials
12:30-14:00 Lunch
14:00-15:30 Workshops and Tutorials
15:30-16:00 Break
16:00-17:30 Workshops and Tutorials
Tue 16th

8:00-17:00  Registration

9-17:30 Workshops and Tutorials

AM
Tutorial B1:
  Transformation Systems: Generative Reuse for Software Generation, Maintenance
  and Reengineering
  Ira D. Baxter (Semantic Designs, Inc.)

Tutorial B2:
  Component-based Product-line Engineering with the UML
  This tutorial has been cancelled

Tutorial B3:
  Building Reusable Test Assets for a Product Line
  This tutorial has been cancelled

Workshop W2:
  IWRE - International Workshop on Reuse Economics
  John Favaro (Consulenza Informatica),
  Hakan Erdogmus (National Research Council),
  and Klaus Schmid (Fraunhofer IESE)

Workshop W4:
  Component-based Software Development Processes
  Christian Zeidler (ABB Corporate Research)

Workshop W5:
  Industrial Experience with Product Line Approaches
  Sholom Cohen (Software Engineering Institute)

PM
Tutorial C1:
  Architecture-centric Software Engineering
  This tutorial has been cancelled

Tutorial C2:
  Practical Strategies and Techniques for Adopting Software Product Lines
  Charles W. Krueger (BigLever Software, Inc.)

Tutorial C3:
Generative Programming: Methods, Techniques, and Applications
Krzysztof Czarnecki (DaimlerChrysler AG)

Workshop W2:
  IWRE - International Workshop on Reuse Economics (part 2)

Workshop W4:
  Component-based Software Development Processes (part 2)

Workshop W5:
  Industrial Experience with Product Line Approaches (part 2)

9:00-10:30 Workshops and Tutorials
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15:30-16:00 Break
16:00-17:30 Workshops and Tutorials

17:30-19:30 Reception

Wed 17th

from 8:00  Registration

8:30-9:00  Welcome msg

9:00-10:00  Keynote by Roger Sessions (ObjectWatch, Inc.)
  -- Software Fortresses

10:00-10:30 break

10:30-12:30  Session on Implementation
  Integrating and Reusing GUI-Driven Applications
  Mark Grechanik, Don Batory, Dewayne Perry (University of Texas at Austin)
  Source Tree Composition
  Merijn de Jonge (CWI)
  Layered Development with (Unix) Dynamic Libraries
  Yannis Smaragdakis (Georgia Institute of Technology)
  Early-Reply Components: Concurrent Execution with Sequential Reasoning
  Scott Pike, Nigamanth Sridhar (Ohio State University)
12:30-14:00 lunch

14:00-16:00 Session on Product Lines
   - Concepts and Guidelines of Feature Modeling for Product Line Software Engineering
     Kwanwoo Lee, Kyo C. Kang, Jaeeon Lee (Pohang University of Science and Technology)
   - Domain Modeling for World Wide Web Based Software Product Lines with UML
     Hassan Gomaa (George Mason University), Mark Gianturco (Strategic Information Solutions, Inc)
   - Enhancing Component Reusability through Product Line Technology
     Colin Atkinson, Dirk Muthig (Fraunhofer IESE)
   - Modeling Variability with the Variation Point Model
     Diana Webber (Booz - Allen - Hamilton), Hassan Gomaa (George Mason University)

16:00-16:30 break

16:30-17:30 Session on Managerial and Economic Issues
     Alan Brown, Grady Booch (Rational Software)
   - Integrating Reference Architecture Definition and Reuse Investment Planning
     Klaus Schmid (Fraunhofer IESE)

17:30-19:00 Demos & Posters

Thu 18th

9:00-10:00 Keynote by Jayadev Misra (University of Texas at Austin)
   - The Case Against a Grand Unification Theory

10:00-10:30 break

10:30-12:30 Session on Generators
   - Control Localization in Domain Specific Translation
     Ted Biggerstaff
   - Model reuse with metamodel based-transformations
     Tihamer Levendovszky, Gabor Karsai, Miklos Maroti, Akos Ledecki (Vanderbilt University); Hassan Charaf (Budapest University of Technology and Economics)

   Generation of Text Search Applications for Databases. An Exercise
on Domain Engineering  
  Omar Alonso (Oracle Corp.)

Domain Networks in the Software Development Process  
Ulf Bergmann (Instituto Militar de Engenharia), Julio  
Cesar Sampaio do Prado Leite (Pontifícia Universidade  
Católica do Rio de Janeiro)

12:30-14:00 lunch

14:00-16:00 Session on Reuse of Non-Code Artifacts  
Supporting Reusable Use Cases  
  Robert Biddle, James Noble, Ewan Tempero (Victoria  
  University of Wellington)  
Project Management Knowledge Reuse Through Scenario Models  
  Marcio Barros, Claudia Werner, Guilherme Travassos  
  (COPPE / UFRJ)  
Adaptation of Coloured Petri Nets Models of Software Artifacts for  
  Reuse  
  Kyller Costa Gorgônio, Angelo Perkusich (UFPB)  
Improving hazard classification through the reuse of descriptive  
  arguments  
  Shamus Smith, Michael Harrison (University of York)

16:00-16:30 break

16:30-17:15 Reuse Community: Strategies for Tomorrow

17:15-18:15 Demos & Posters

18:30-21:00 Dinner at Salt Lick

Fri 19th

9:00-10:00 Presentation of Workshop Results

10:00-10:30 break

10:30-12:30 Session on Design Issues
Service Oriented Programming: a New Paradigm of Software Reuse
Alberto Sillitti, Tullio Vernazza (Università di Genova);
Giancarlo Succi (Libera Università di Bolzano)
An Empirical User Study of an Active Reuse Repository System
Yunwen Ye (SRA Key Technology Laboratory, Inc. &
University of Colorado)
Towards the Formalization of a Reusability Framework for
Refactoring
Rodrigo Caballero (United Technologies Research Center),
Steven Demurjian (University of Connecticut)
Service Facilities: Extending Abstract Factories to Decouple
Advanced Dependencies
Nigamanth Sridhar, Bruce Weide, Paolo Bucci (The Ohio
State University)

12:30-13:00 Conference closing