Doctoral Symposium

Early Phase

Portable Secure Identity Management for Software Engineering
Christopher Staite - University of Birmingham, United Kingdom

Dynamic Service Quality and Resource Negotiation for High-Availability Service-Oriented Systems
Nicholas May - RMIT University, Australia

Zenet: Generating and Enforcing Real-Time Temporal Invariants
Chris Lewis - University of California, Santa Cruz, United States

Balancing Collaboration and Discipline in Software Development Processes
Andréa Magalhães Magdaleno - COPPE/UFRI, Brazil

A Proposal for Consistency Checking in Dynamic Software Product Line Models Using OCL
Fabiana Marinho - Federal University of Ceará, Brazil

Behavioural Validation of Software Engineering Artefacts
Guido De Caso - Universidad de Buenos Aires, Argentina

Umple: a Model-Oriented Programming Language
Omar Badreddin - University of Ottawa, Canada

An Incremental Methodology for Quantitative Software Architecture Evaluation with Probabilistic Models
Indika Meedeniya - Swinburne University of Technology, Australia

Synthesize Software Product Line
Xiaorui Zhang - SINTEF, Norway

Choreography of intelligent e-Services
Wonga Linda Ntshinga - Tshwane University of Technology (TUT), South Africa

A Framework for Handling Variants of Software Models
Christian Pichler - Vienna University of Technology, Austria

Improving Wide-Area Distributed System Availability
Bruno Wassermann - University College London, United Kingdom

Risk Assessment on Distributed Software Projects
Adailton Magalhães Lima - Federal University of Pará (UFPA), Brazil

VisAr3D: An Approach to Software Architecture Teaching Based on Virtual and Augmented Reality
Claudia S. C. Rodrigues - Federal University of Rio de Janeiro (UFRJ), Brazil

Change Impact Analysis from Business Rules
Antonio Oliveira Filho - Universidade Federal da Bahia, Brazil
Software Architecture for Systems of Software Intensive Systems (S3): The Concepts and Detection of Inter-System Relationships
John Brøndum - NICTA, Australia

**Mature Phase**

Formal Methods for Web Services: a Taxonomic Approach
K.S. May Chan - University of Pretoria, South Africa

Exploratory Study of a UML Metric for Fault Prediction
Ana Erika Camargo Cruz - Japan Advanced Institute of Science and Technology, Japan

Feature-Oriented Requirements Modelling
Pourya Shaker - University of Waterloo, Canada

Automatic enforcement of architectural design rules
Anders Mattsson - Combitech AB, Sweden

SMT-Based Bounded Model Checking for Multi-threaded Software in Embedded Systems
Lucas Cordeiro - University of Southampton, United Kingdom

Enhancing Collaboration of Multi-developer Projects with Synchronous Changes
Lile Hattori - University of Lugano, Switzerland

SOFAS - SOFTWARE Analysis Services
Giacomo Ghezzi - University of Zurich, Switzerland

Informal Software Design Knowledge Reuse
Gerald Bortis - University of California, Irvine, United States

The Role of Emergent Knowledge Structures in Collaborative Software Development
Christoph Treude - University of Victoria, Canada

Capturing the Long-Term Impact of Changes
Kim Sebastian Herzig - Universität des Saarlandes, Germany

Failure Preventing Recommendations
Adrian Schroeter - University of Victoria, Canada

Impact Analysis for Event-Based Components and Systems
Daniel Popescu - University of Southern California, United States

Empirical Evaluation of Effort on Composing Design Models
Kleinner Farias - Pontifical Catholic University of Rio de Janeiro, Brazil

Analysis of Execution Log Files
Meiyappan Nagappan - North Carolina State University, United States

Towards end-user enabled Web Service consumption for Mashups
Marcus Roy – University of New South Wales, Australia

Constraint Solving Techniques for Software Testing and Analysis
Feifei Ma - Institute of Software, Chinese Academy of Sciences, China
A Methodology to Support Load Test Analysis
Haroon Malik - Queen's University, Canada