

ICSR 2013 - Preliminary Program

Tuesday, 18 June 2013

9.00 – 18.00	Workshops
	International Workshop on Critical Software Component Reusability and Certification across Domains
	Security and Dependability for Resource Constrained Embedded Systems (S&D4RCES) (Third Edition)
	International Workshop on Designing Reusable Components and Measuring Reusability

Wednesday, 19 June 2013

9:00 - 9:15	Introductions	
9:15 - 10:30	Keynote Ivar Jacobson “Creating your Reuse Method from Reusable Practices and a Method Kernel”	
10:30 – 11	Coffee Break	
11-13	Emerging Ideas & Trends	Feature Modeling & Variability Analysis
	Estimating the Economic Value of Reusable Green ICT Practices <i>Qing Gu and Patricia Lago</i>	Validating Consistency between a Feature Model and its Implementation <i>Duc Le, Hyesun Lee, Kyo Kang and Keun Lee</i>
	Composition and Self-Adaptation of Service-Based Systems with Feature Models <i>Javier Cubo, Nadia Gamez, Lidia Fuentes and Ernesto Pimentel</i>	Mechanisms to handle structural variability in MATLAB/Simulink models <i>Andrea Leitner, Wolfgang Ebner and Christian Kreiner</i>
	Leveraging Reuse-related Maturity Issues for Achieving Higher Maturity & Capability Levels <i>Luigi Buglione, Giuseppe Lami, Christiane Gresse von Wangenheim, Fergal Mc Caffery and Jean Carlo Rossa Hauck</i>	An Analysis of Variability Modeling Concepts: Expressiveness vs. Analyzability <i>Holger Eichelberger, Christian Kröher and Klaus Schmid</i>
13 – 14:30	Lunch	
14.30 – 16	Architectural Issues	Reuse and Patterns
	Cross-Domain Reuse: Lessons Learned in A Multi-Project Trajectory <i>Silvia Mazzini, John Favaro and Tullio Vardanega</i>	Mining Instances of Structural Design Patterns from Class Diagrams Based on Sub-patterns <i>Dongjin Yu</i>
	Automatic Analysis of Software Architectures with Variability <i>Gustavo G. Pascual, Monica Pinto and Lidia Fuentes</i>	Patterns for Use Case Context and Content <i>Marinos Georgiades and Andreas Andreou</i>
16 – 16:30	Coffee break	
16:30 – 17:45	PANEL: “Software Reuse: is Research Delivering for Industry?” <i>Moderator: Martin Griss</i>	
17:45 – 18	Day 1 Wrap up	
19:30	Social event: Gala Dinner at the Leaning Tower of Pisa	

Thursday, 20 June 2013

9:00 – 10:15	Keynote John McDermid: “Safe Reuse: Certification of Software Product Lines in Civil Aerospace”	
10:15 – 10:45	<i>Coffee Break</i>	
11-13	Analysis for Reuse 1	Reuse and Testing
	Automated Analysis in Feature Modelling and Product Configuration <i>David Benavides, Alexander Felfernig, José A. Galindo and Florian Reinfrank</i>	Towards Test Case Reuse: A Study of Redundancies in Android Platform Test Libraries <i>Suriya Priya R Asaithambi and Stan Jarzabek</i>
	Configurable Software Product Lines – Supporting Heterogeneous Configuration Knowledge <i>Elder Cirilo, Uirá Kulesza, Alessandro Garcia, Don Cowan, Paulo Alencar and Carlos Lucena</i>	An Assessment of Test-Driven Reuse: Promises and Pitfalls <i>Mehrdad Nuroлахzade, Robert Walker and Frank Maurer</i>
	Extracting Models from ISO 26262 for Reusable Safety Assurance <i>Yaping Luo, Mark van Den Brand, Luc Engelen, John Favaro, Martijn Klappers and Giovanni Sartori</i>	Improving the Runtime-Processing of Test Cases for Component Adaptation <i>Dominic Seiffert and Oliver Hummel</i>
12:45 - 14	<i>Lunch</i>	
14 - 16	Analysis for Reuse 2	Reference Architectures
	Assessing Software Quality through Web Comment Search and Analysis <i>Yanzhen Zou, Changsheng Liu, Yong Jin and Bing Xie</i>	On software reference architectures and their application to the space domain <i>Marco Panunzio and Tullio Vardanega</i>
	Consistency among Domain Analysts in Selecting Domain Documents and Creating Vocabularies <i>Chaitanya Nemmallapudi, Bill Frakes and Reghu Anguswamy</i>	REARM: A Reuse-Based Economic Model for Software Reference Architectures <i>Silverio Martínez-Fernández, Claudia P. Ayala, Xavier Franch and Helena Martins Marques</i>
	Mining Cohesive Domain Topics from Source Code <i>Bing Xie, Meng Li, Jing Jin, Junfeng Zhao and Yanzhen Zou</i>	TOOL DEMO
16 - 16:30	<i>Coffee Break</i>	
16:30 - 17:30	Short papers 1	Short papers 2
	A Common Representation for Reuse Assistants <i>Fábio Basso, Raquel Mainardi Pillat, Toacy Cavalcante Oliveira and Cláudia Maria Lima Werner</i>	Feature location in a collection of software product variants using formal concept analysis <i>Ra'Fat Al-Msie'Deen, Abdelhak Seriai, Marianne Huchard, Christelle Urtado, Sylvain Vauttier and Hamzeh Eyal Salman</i>
	A Knowware based Infrastructure for Rule based Control Systems in Smart Spaces <i>Yangyang Lu, Ge Li, Zhi Jin, Xueyuan Xing and Yiyang Hao</i>	A Language for Building Verified Software Components <i>Gregory Kulczycki, Murali Sitaraman, Joan Krone, Joseph Hollingsworth, William F. Ogden, Bruce Weide, Paolo Bucci, Charles T. Cook, Svetlana V. Drachova-Strang, Blair Durkee, Heather Harton, Wayne Heym, Dustin Hoffman, Hampton Smith, Yu-Shan Sun, Aditi Tagore, Nighat Yasmin and Diego Zaccai</i>
	An Action-Stack based Selective-Undo Method in Feature Model Customization <i>Long Li, Haiyan Zhao, Wei Zhang and Weichao Wang</i>	TOOL DEMO
17:30	Plenary session: conference wrapup	