

4th IEEE Systems and Software Week 2009 PROGRAM

	12 Oct Monday	13 Oct Tuesday	14 Oct Wednesday	15 Oct Thursday		
	D105	G109	G109	G109		
08.00	Time for arrival		SWK1 Keynote			
09.00					SWIFT Tu1 Tu2	SEW
10.00	BREAK					
	SWIFT Opening MK1 Keynote	SEW Opening STu1 STu2	SWIFT TuT Tutorial Room E301	SEW SW1 SW2 SW3	OSW WT Tutorial E105	OSW Th1 Th2 ThD1 Closing
11.00						
12.00	BREAK					
13.00	SWIFT M1 M2 M3	SEW STu3 STu4 STU5	SWIFT Tu3 Tu4 Tu5	SEW SW4 SW5 SW6	OSW Opening W1 W2	
14.00						
15.00	SWIFT M4 M5 M6	SEW STu6 STu7 STu8	SWIFT Tu6 Tu7 Tu8	SEW SW7 SW8 SW9	OSW W3 WP1 W4	
16.00						
17.00	BREAK					
18.00	BREAK					
19.00		SASW Reception at Scandic Hotel Billigen	SASW Dinner at Restaurant Parnassen			

SWIFT 2009

MK1	Keynote: "Probabilistic Ontologies for High-Level Fusion in a Net-Centric Environment" by Kathryn Blackmond Laskey
	High-level Fusion I
M1	"Combining multi-sensor fusion and information fusion for increased situation awareness: a research plan" Martin Holmberg and Pontus Svenson
M2	"Towards the Implementation of an Ontology-Based Reasoning System for Visual Information Fusion", Juan Gómez-Romero, Jesús García, Miguel A. Patricio and José M. Molina
M3	"Evolving Petri Net Situation Templates for Situation Recognition", Anders Dahlbom and Lars Niklasson
	High-level Fusion II
M4	"Pattern Recognition Using Queries in Relational Tracking Data Bases", Gereon Schüller, Wolfgang Koch and Joachim Biermann
M5	"Ontological Association in the Ground Target Domain", Jenny Lagerlöf, Egils Sviestins, and Klas Wallenius
M6	"Explanation Methods for Bayesian Networks: review and application to a maritime scenario", Tove Helldin and Maria Riveiro
	User issues
Tu1	"Experts' Views on User Activities in Information Fusion System Development Processes", Maria Nilsson and Joeri van Laere
Tu2	"Challenges in Tactical Support Functions for Fighter Aircraft", Tina Erlandsson, Sören Molander, Jens Alfredson, Per-Johan Nordlund
TuT	Tutorial: "Information retrieval and extraction from domain specific text collections: the fusion proceedings and biomedical research abstracts", Elzbieta Dura
	Chemoinformatics
Tu3	"Generating Comprehensible QSAR Models", Cecilia Sönströd, Ulf Johansson and Ulf Norinder
Tu4	"Evaluating Ensembles on QSAR Classification", Ulf Johansson, Tuve Löfström and Ulf Norinder
Tu5	"Names of chemical compounds within drug discovery context", Elzbieta Dura, Ola Engkvist and Sorel Muresan
	Applications
Tu6	"Utilizing Information on Uncertainty for In Silico Modeling using Random Forests", Henrik Boström and Ulf Norinder
Tu7	"An empirical investigation of the static weapon-target allocation problem", Fredrik Johansson and Göran Falkman
Tu8	"Comparative study of evidential reasoning schemes for fusing ESM reports under varying sensor uncertainty and fusion unreliability", Pierre Valin, Pascal Djiknavorian, Eloi Bossé and Dominic Grenier

OSW 2009

WT	Tutorial: "Introduction to Open Source Software"
W1	Invited presentation: "High Performance Computing and Open Source Abstract" by E. Lönroth, Linux expert, Scania Infomate
W2	Paper 1: "An Onion is not Enough - Living in the Multi-onion World" by T. J. Heinimäki and T. Aaltonen
W3	Paper 2: How to kill an Open Source Community? by S. Ribas and M. Cezon
WP1	Panel: Exploring company involvement in OSS communities: Experiences from Nordic projects OSA and OSCOMM
W4	Paper 3: "Social Network Analysis of the Nagios Community" by J. Gamalielsson, G. Lundell, and B. Lings
ThK1	Keynote: "Open Source at the Premium Pension Authority of Sweden" by L. Wahlund, IT architect, PPM
Th1	Paper 4: "My Summer As a Mole: Evaluating an Open Source Community via Participation" by S. Mikkonen, T. Kilamo and T. Mikkonen
Th2	Paper 5: "Open Source for Process Control in Production Systems - Realizing its potential through a demonstrator" by B. Lundell, A. Syberfeldt, and R. Karlsson
ThD1	Open discussion: Revisiting the 10 Myths About OSS

Software Requirements and Modeling

- STu1** "A Method Based on Petri Nets for Identification of Aspects" by V. Abdelzad, F. Shams Aliee
- STu2** "A realistic modeling of real-time systems for efficient scheduling" by C. Fotsing, A. Geniet, G. Vidal-Naquet

Software Architectures

- STu3** "Co-Design of the Business and Software Architectures: A Systems Engineering and Model-Driven Method" by X. Cui
- STu4** "An Adaptative Framework Architecture for RFID Applications" by L. Amaral, F. Hessel, E. Bezerra, J. Corrêa, O. Longhi, T. Dias
- STu5** "Modularization of Crosscutting Concerns in Multi Agent Systems" by J. Filho, R.Choren, K. Breitman

Software Engineering Management

- STu6** "Model-Based Engineering of Software: Three Productivity Perspectives" by S. Bohner, S. Mohan
- STu7** "Is Evidence Based Software Engineering mature enough for Practice & Policy?" by D. Budgen, P. Brereton, B. Kitchenham
- STu8** "A Study Case about a Software Project Management Success Metrics" by R. Lacerda, S. Ensslin, L. Ensslin

SWK1 Keynote: Roy Sterritt – University of Ulster – Northern Ireland

Change Management and Testing

- SW1** "Towards Specification and Refinement of Contracts with Environment Changes " by Q. Li, H. Zhu
- SW2** "JaBUTiService: A Web Service for Structural Testing of Java Programs" by M. Eler, A. Endo, P. C. Masiero, M. E. Delamaro, J.C. Maldonado, A. Vincenzi, M. Chaim, D. Medeiros. D. Beder
- SW3** "Using Business Processes in System Requirements Definition" by E.Carvalho, T. Escovedo, R. Melo

Formal Methods in Software Engineering Practice

- SW4** "Complexity Reduction in Developing Autonomic Systems with ASSL" by E. Vasseey, M. Hinchey
- SW5** "Towards an Alloy Formal Model for Flexible Advanced Transactional Model Development" by B. Galina, N. Guelfi, e P. Kelsen
- SW6** "Animating the Link between Operational Semantics and Algebraic Semantics for a Probabilistic Timed Shared-Variable Language " by H. Zhu, J. Sanders, J. Bowen, J. He, F.Yang
- SW7** "Decentralized Reasoning in Ambient Intelligence" by J. Viterbo, M. Endler
- SW8** "Automatic Classification of Software Change Request Using Multi-Label Machine Learning Methods" by S. Ahsan, , J. Ferzund, F. Wotawa
- SW9** "Data Warehousing in an Industrial Software Development Environment" by M. Colaço, M. Mendonça e F. Rodrigues