

PARALLEL SESSIONS SCHEDULE

DAY 1 (3 December 2007)

Parallel Session 1

11.00 am – 1.00 pm
Parameswara I

Track: Software Requirements and Empirical Software Engineering

Requirements Engineering Process Improvement: A Review and Research Agenda

Badariah Solemon, Shamsul Sahibuddin, Abdul Azim Abd Ghani, Jamilin Jais

An Evaluation of Traceability Approaches to Support Requirements Management

Siti Rochimah, Wan M. N. Wan Kadir, Abdul H. Abdullah

Collaborative Aspect Oriented Requirement Tool

Aws A. Magableh, Zarinah Mohd Kasirun

Determining Software Development Strategy

Gnanasundaram C., Vallieswaran V.

Combinatorial Explosion Problem in Software Testing: Issues and Practical Remedies

Kamal Zuhairi Zamli, Mohamed Fadel Jamil Klaib, Nor Ashidi Mat Isa

Implementation of Verification and Validation: A Case Study

Marshima Mohd Rosli, Azizah Rahmat

Track: Software Architecture and Design

The System Development and Implementation Model of Open Source Software Based on Zachman's Framework

Rusli Abdullah, Modi Lakulu

Avoiding Pitfalls in Writing Real-Time Software

David Russell, Norita Ahmad

A Pattern Based Persistence Framework for Object Oriented Database Systems

Uzair Ahmad, Muhammad Ahmad Ghazali

Track: Software Processes and Software Quality

OSS Software Configuration Management Repository to Improve Software Process Performance

Shukor Sanim Mohd Fauzi, Nuraminah Ramli, Masrudy Ismail

Passive RFID tag processing using a P2P-architecture

D. Berg, H. Coltzau, P. Sukjit, H. Unger, J. GM. Nicolaysea

Introducing SPAC, a Model for Software Process Assessment and Certification

Fauziah Baharom, Aziz Deraman, Abdul Razak Hamdan

Contributing Factors for Producing Highly Quality Software by Establishing the Traceability Link Among ITIL Processes, Process Improvement Model and Software Development Process

Aedah Abd Rahman, Shamsul Sahibuddin, Suhaimi Ibrahim

Identifying Quality Attributes Relationships for Web-based Applications

Hazura Zulzalil, Abdul Azim Abd Ghani, Mohd Hasan Selamat, Ramlan Mahmood

Software Measurement System Analysis Through the Survey Approach

Wee Bui Lin, Edwin Mit

Track: Software Security, Safety & Reliability

Image Hiding in Spatial Domain

Kaveh Ahmadi, Abolghasem Ghasempour, Mehrdad Nourani, Sharhram Mohrekesh

UML Dynamic Model Checker

Edwin Mit, Farid Meziane, Wee Bui Lin

Track: Software Maintenance and Reuse

Software Components Models from a Technical Perspective
Mohd Hasan Selamat, Hamid Sanatnama, Abdul Azim Abd Ghani, Rodziah Atan

Suggested Functionality of a Software Maintenance Tool for a University Application System
Hidayah Sulaiman, Rusli Abdullah

Linking the Top-down and Bottom-up Approaches of COSD
Hazleen Aris

Generator Technologies Using Fundamental Methods in Software Product Line
Shahliza Abd Halim, Dayang Norhayati Abg Jawawi, Safaai Deris

A Visualization Technique to Support Change Impacts Analysis in Program Understanding
Rita Noremi Mohamad, Norbik Bashah Idris, Suhaimi Ibrahim

A Static Analysis Approach to Support Program Understanding of Structured Program
Dahlia Din, Norbik Bashah Idris, Suhaimi Ibrahim

Track: Artificial Intelligence and Knowledge-based Software Engineering

Two Mutational Strategies for Enhancing Evolutionary Optimization in the Real-Coded G3-PCX Genetic Algorithm
Jason Teo

Data Preprocessing in Hybrid Data Mining and Case-Based Reasoning User Modeling System
Chen Zhiyuan, Dino Isa, Peter Blanchfield

Hierarchical Fuzzy Rule-Based Framework for Teaching Performance Evaluation on Mobile Technologies
Azizul Azhar Ramli

Named Entity Recognition and Extraction using Machine learning Methods
Alireza Mansouri, Ali Mamat, Lilly Suriani Affendey

Dynamic Model Checking for Multi-agent E-Business Control and Assurance
Siti Dianah Abdul Bujang, Ali Selamat

Bi-Directional Algorithm in K-Jawi Word Processor
Mohd Shukri Ab Yazid, Sim Liew Fong, Md Gapar Md Johar, Abdurrahman Jalil, Mohd Zainul Fithri Othman

Soft Computing Techniques in E-Negotiation: A Review
Hamid Jazayeriy, Masrah Azrifah Azmi Murad, Md. Nasir Sulaiman, Nur Izura Udzir

DAY 2 (4 December 2007)

Parallel Session 5

10.30 am – 12.50 pm
Parameswara I

Track: Software Engineering Education & Multimedia

Validating the Key Factors and Measurement Attributes for Effective Knowledge Transfer Process in E-Learning Environment: A Case of E-Faculty, UPM

Salfarina Abdullah, Mohd Hasan Selamat

Experimenting with Pair Programming in a 2nd Year Java Programming Course

Norsaremah Salleh, Azlin Nordin, Hamwira Sakti Yaacob

Hand Written Recognition System of Passport for Automatic Data Entry of Passport

Mya Mya Thinn, Myint Myint Sein

Design Processes for Web-Based Hypermedia Engineering

Azrul Hazri Jantan, Putra Sumari, Shahida Sulaiman

Learning Objects in Assisting Novice Programmers

Suriana Ismail, Norshuhada Shiratuddin

A Review of Multimedia Development Methods

Mohamad Shahrul Shahidan, Pearl Kik Fei Tai, Rodziah Atan

Track: Distribution and Parallelism

Checking Integrity Constraints in Distributed Databases with Support Tests

Ali Amer Alwan, Hamidah Ibrahim, Nur Izura Udzir

Replica Consistency Services in Data Grid: Design Issue

Mohammed Radi, Ali Mamat, M. Mat Deris, Hamidah Ibrahim, Shamala Subramaniam

Track: Internet and Information Systems Development

BioKnowledgeWebs: A Knowledge Portal for Bioinformatics Environment

Siti Hernazura Hamidon @ Md Jamil, Rusli Abdullah, Hamidah Ibrahim, Rodziah Atan, Suhaimi Napis, Nurul Haslina Hairudin

Ontology Based Methodology for Accessing Cross Language Web Contents

Shahdad Shariatmadari, Ali Mamat, Hamidah Ibrahim, Norwati Mustapha

ISAMS: Tracking Student Attendance using Interactive Student Attendance Management System

Jonathan Sidi, Syahrul N. Junaini, Lau S. Ling

Track: Mobile and Ubiquitous Computing

A Graph Layout Optimization on Visual Programming Environment – The Design for Embedded Device

Sazly Anuar, Md. Nasir Sulaiman, Hamidah Ibrahim, Zaiton Muda

Infrastructured Requirement for Knowledge Management System with Mobile Using Extended Markup Language

Wan Roslina Wan Ishak, Rusli Abdullah, Mohd Hasan Selamat, Azmi Jaafar, Wan Noor Rafida Wan Mayu Othman

An XML Based of Mobile Knowledge Management for E-Learning System

Wan Noor Rafida Wan Mayu Othman, Rusli Abdullah, Mohd Hasan Selamat, Azmi Jaafar, Wan Roslina Wan Ishak

Track: Language, Theory and Formal Methods

L^\emptyset : Analysis and Expanded Notation for Malay Word Derivation
Mohd Yunus Sharum, Muhamad Taufik Abdullah

Performance Scaling for Competitive Coevolution Using SPEA2
Tse Guan Tan, Hui Keng Lau, Jason Teo

Incorporate XML to support Virtual Manufacturing Organizations
Muhammad Hafidz Fazli

Track: Software Tools and Development Environments

Decision Support System (DSS) Model for Forest Management
Shafinah Kamarudin, Mohd Hasan Selamat, Rusli Abdullah, Nik Muhamad Majid, Awang Noor Abd Ghani

System Development: What, Why, When and How CASE Tools
Should Support Novice Software Engineers
Shahida Sulaiman, Ahamad Tajudin Khader, Sarina Sulaiman

An Intelligent Aspect-Oriented Configuration Tool
Santokh Singh, Krishneel Goundar