



16th Asia-Pacific Software Engineering Conference (APSEC 2009)
Co-Located Event
Software Engineering Postgraduate Workshop (SEPoW 2009)

SEPoW 2009 Programme Schedule

Monday, 30th November 2009
Eureka Complex, USM, Penang, Malaysia

Parallel Presentation : Session 01		
9.00 – 10.35 am	Auditorium Software Reuse	Room 1 Software Quality & Testing
10.35 – 10.50 am	Refreshment	
Parallel Presentation : Session 02		
10.50 – 12.45 pm	Auditorium Software Process	Room 1 Software Technology
12.45 – 2.30 pm	Lunch	
Continue with other workshops and tutorial		



16th Asia-Pacific Software Engineering Conference (APSEC 2009)
Co-Located Event
Software Engineering Postgraduate Workshop (SEPoW 2009)

Parallel Session 1

Software Reuse

Monday, 30th November 2009: Auditorium	
Chairperson: Dr. Rusli Abdullah	
Panel member 1 : Professor Jorge L. Diaz-Herrera, Rochester Institute of Technology, USA	
Panel member 2 : Dr. Vincent Khoo Kay Teong, Universiti Sains Malaysia, Malaysia	
9.00-9.15 am	Toward Evaluation of Service Oriented Architecture <i>Hossein Nematzadeh and Radziah Mohamad</i>
9.20-9.35 am	Electronic Community Design Pattern: Managing and Classifying Knowledge for a Special Interest Group (SIG) <i>Aisyah Ismal, Shahida Sulaiman. Maziani Sabudin</i>
9.40-9.55 am	Mapping Metamodel of MARMOT method into PECOS Component Infrastructure <i>Suzila Sabil, Dayang Norhayati Abang Jawawi</i>
10.00-10.15 am	A Review on Component-Based Development Methodologies for UML Profiles for MARTE <i>Mohd Zulkifli Mohd Zaki, Dayang Norhayati Abang Jawawi</i>
10.20-10.35 am	Expertise Knowledge Collection and Visualisation Pattern for a Special Interest Group Knowledge Portal <i>Wan Muhamad Zulhafisyam Wan Ahmad, Shahida Sulaiman, Umi Kalsom Yusof</i>

Software Quality and Testing

Monday, 30th November 2009: Room 1	
Chairperson: Dr. Kamal Zuhairi bin Zamli	
Panel member 1 : Professor Karl Leung, Hong Kong Institute of Vocational Education, Hong Kong	
Panel member 2 : Mr. Nirbhaya Pathak, Motorola Technology Sdn. Bhd., Malaysia	
9.00-9.15 am	Improving Scientist's Productivity using Domain-Specific Modeling <i>Luke Nguyen-Hoan, Shayne Flint, Ramesh Sankaranarayana</i>
9.20-9.35 am	Comprehensive Quality Model for Software Component <i>Majdi Abdellatief, Abu Bakar Md Sultan</i>
9.40-9.55 am	Reliability of Component-Based Software Systems <i>Mohammad Ahmad</i>
10.00-10.15 am	Checking Inconsistencies in UML Diagrams <i>Noraini Ibrahim and Rosziati Ibrahim</i>
10.20-10.35 am	A Framework for Measuring Test Coverage Supporting Multiple Programming Languages <i>Kazunori Sakarmoto, Hironori Washizaki, Yoshiaki Fukazawa</i>



16th Asia-Pacific Software Engineering Conference (APSEC 2009)
Co-Located Event
Software Engineering Postgraduate Workshop (SEPoW 2009)

Parallel Session 2

Software Process

Monday, 30th November 2009: Auditorium	
Chairperson: Dr. Wan Mohd. Nasir Wan Kadir	
Panel member 1 : Professor Mikio Aoyama, Nanzan University, Japan	
Panel member 2 : Professor Shamsul Sahibuddin, CASE, Universiti Teknologi Malaysia, Malaysia	
10.50-11.05 am	Knowledge Transfer in Global Software Architecture Development <i>Salfarina Abdullah, Abdul Azim Abd. Ghani, Paul Bannerman, Rose Jeffery and Mark Staples</i>
11.10-11.25 pm	CMMI-Agility Based on SPI Advisory Tool (CAST) <i>Chayakorn Piyabunditkul, Disorn Homchuenchom, Horst Lichter</i>
11.30-11.45 am	Knowledge Management System Framework and Agent-based Tool to Support Collaborative Software Maintenance Environment <i>Mohd Zali Mohd Nor, Rusli Abdullah, Mohd Hassan Selamat and Masitah Ghazali</i>
11.50-12.05 pm	Augmenting Software Engineering Management Tools with Empirical Human-Centered Data <i>Alvin Teh, Clive Boughton and Dirk van Rooy</i>
12.10-12.25 pm	A Technique in Requirement Engineering for Web Applications <i>Zaiyana Mohamed Hussain, Shahida Sulaiman</i>
12.30-12.45 pm	A Test Data Generation Method for Autonomous Programming Assessment <i>Rohaida Romli, Shahida Sulaiman and Kamal Zuhairi Zamli</i>

Software Technology

Monday, 30th November 2007: Room 1	
Chairperson: Associate Professor Ali Selamat	
Panel member 1 : Professor David Budgen, Durham University, UK	
Panel member 2 : Associate Professor Ahamad Tajudin Khader, Universiti Sains Malaysia, Malaysia	
10.50-11.05 am	Agent-Based Decision Support System in Tendering Process <i>Ros Haslinda and Noor Maizura Mohamad Noor</i>
11.10-11.25 pm	Malaysian University Selection DSS for STPM Leavers: MADM Approaches <i>Sharifah Nurulhikmah Syed Yasin, Noor Amizura Mohamad Noor, Mustafa Mamat</i>
11.30-11.45 am	Visualizing Cyber Train Station in Malaysia: Tourism Transportation Information System (E-TORTIS) <i>Robiah Hamzah, Mohd Azizul Dahalan, Mohd Najmi Mohd Abd Hadi</i>
11.50-12.05 pm	Ontological-based Information Extraction for Supporting Decision-Making in Tendering Processes <i>Rosmayati Mohamad, Abdul Razak Hamdan, Zulaiha Ali Othman, Noor Maizura Mohamad Noor</i>
12.10-12.25 pm	Preliminary Study on Clinical Decisions Support System <i>Fatihah Mohd and Noor Maizura Mohamad Noor</i>