

# Program of iiWAS2006 – MoMM2006 – Related Workshops

## Sunday, 3 December 2006

17:00 - 19:00	<p><b>REGISTRATION</b></p> <p>In order to avoid the long queue on the morning of the first day, registration will be open at Novotel Hotel Yogyakarta, Jl. Jend. Sudirman No. 89, Yogyakarta</p>
---------------	--

## Monday, 4 December 2006

08:00	<p><b>REGISTRATION</b></p>				
09:00	<p><b>WELCOME AND CONFERENCE OFFICIATION</b> His Excellency Sri Sultan Hamengkubuwono X, King of the Sultanate of Yogyakarta</p>				
09:30	<p><b>WELCOME COCKTAIL</b></p>				
10:00	<p><b>OPENING REMARKS</b></p>				
10:30	<p><b>OPENING SPEECH</b> His Excellency Dr. Sofyan Djalil, Minister of Communication and Information Technology of the Republic of Indonesia</p>				
11:00	<p><b>KEYNOTE</b> QOS in Next Generation Internet: Putting the User into the Focus Prof. Dr. Gabriele Kotsis, President of the Austrian Computer Society</p>				
12:00	<p><b>LUNCH</b></p>				
13:00	<p>SESSION iiWAS - I A  Ontologies</p>	<p>SESSION iiWAS - I B  Information Retrieval 1</p>	<p>SESSION MoMM - I A  Mobile Multimedia IP</p>	<p>SESSION WS - SoC – A  Design Methodology</p>	<p>SESSION MDC – A  Web and Information Systems</p>
15:00	<p><b>COFFEE BREAK</b></p>				
15:30	<p>SESSION iiWAS - I C  Information Retrieval 2</p>	<p>SESSION iiWAS - I D  Human-Computer Interaction</p>	<p>SESSION MoMM - I B  Mobile Network Traffic Engineering and Optimization</p>	<p>SESSION WS - SoC – B  Embedded SoC Security and Performance</p>	<p>SESSION MDC – B  Data management and business issues</p>
17:00	<p><b>WELCOME RECEPTION</b> Faculty of Industrial Technology Atma Jaya Yogyakarta University Jl. Babarsari no. 44, Yogyakarta</p>				

**Tuesday, 5 December 2006**

09:00	<p align="center"><b>KEYNOTE TALK</b> iiWAS – I</p> <p align="center">Digital Ecosystems A Next Generation of the Collaborative Environment Elizabeth Chang, Martin West</p>			<p align="center"><b>KEYNOTE TALK</b> MoMM – I</p> <p align="center">Human-Computer Interaction within An Ubiquitous Environment: Application to Living Environment Dedicated to Dependant People Mounir Mokhtari</p>		
10:00	<p align="center"><b>COFFEE BREAK</b></p>					
10:30	<p align="center"><b>TUTORIAL – I</b></p> <p align="center">The New Object-Relational Generation and its Application in Web Databases J. Wenny Rahayu, Eric Pardede, David Taniar</p>			<p align="center"><b>TUTORIAL – II</b></p> <p align="center">Reconfigurable Systems and their Influence on Mobile and Multimedia Applications Valery Sklyarov, Iouliia Skliarova</p>		
12:00	<p align="center"><b>LUNCH</b></p>					
13:00	<p align="center"><b>SESSION</b> iiWAS - II A</p> <p align="center">Modelling Web Services</p>	<p align="center"><b>SESSION</b> iiWAS - II B</p> <p align="center">Information Integration Management</p>	<p align="center"><b>SESSION</b> MoMM - II A</p> <p align="center">Mobile Multimedia Content Management</p>	<p align="center"><b>SESSION</b> WS - SIIK – IA</p> <p align="center">Semantic Data Integration in Web, Grid &amp; P2P Applications</p>	<p align="center"><b>SESSION</b> WS - BWCCA – A</p> <p align="center">Network Models, Algorithms and Analysis</p>	<p align="center"><b>SESSION</b> ERPAS – A</p> <p align="center">Information Systems and Information Management</p>
15:00	<p align="center"><b>COFFEE BREAK</b></p>					
15:30	<p align="center"><b>SESSION</b> iiWAS - II C</p> <p align="center">ORDB: Applications and Management</p>	<p align="center"><b>SESSION</b> iiWAS - II D</p> <p align="center">Semantic and Spatial Based Queries</p>	<p align="center"><b>SESSION</b> MoMM - II B</p> <p align="center">Ubiquitous Environments</p>	<p align="center"><b>SESSION</b> WS - SIIK – IB</p> <p align="center">Heterogeneous Data Integration Technologies &amp; Applications</p>	<p align="center"><b>SESSION</b> WS - BWCCA – B</p> <p align="center">Multimedia Applications and Network Protocols</p>	<p align="center"><b>SESSION</b> ERPAS – B</p> <p align="center">Management of Data</p>
18:00	<p align="center"><b>CONFERENCE DINNER AND RAMAYANA SHOW</b></p> <p align="center">Prambanan Temple</p> <p align="center">Gathering point</p> <p align="center">Faculty of Industrial Technology Atma Jaya Yogyakarta University Jl. Babarsari no. 44, Yogyakarta</p>					

**Wednesday, 6 December 2006**

09:00	<b>KEYNOTE TALK iiWAS – II</b>  Are Ontologies the Nostrum to Bridge the Semantic Gap? Roland Wagner and Andreas Langedger			<b>KEYNOTE TALK MoMM – II</b>  Spatial Data Integration on the Web: Issues and Solutions Omar Boucelma		
10:00	<b>COFFEE BREAK</b>					
10:30	<b>SESSION iiWAS - III A</b>  E-GOVERNMENT: Model and Implementation	<b>SESSION iiWAS - III B</b>  Applications for Learning	<b>SESSION MoMM - III A</b>  Wireless Sensor Networks	<b>SESSION WS - TwUC – A</b>  Privacy and Usability in Ubiquitous Computing	<b>SESSION WS - MoMIR – A</b>  Mobile Multimedia Applications	<b>SESSION ERPAS – C</b>  Networks and Protocols
12:00	<b>LUNCH</b>					
13:00	<b>SESSION iiWAS - III C</b>  Integrated Information Processing  Short Presentations	<b>SESSION iiWAS - III D</b>  E-Applications  Short Presentations	<b>SESSION MoMM - III B</b>  Mobile Computing Market, Business Models and Services  Short Presentations	<b>SESSION WS - TwUC – B</b>  Security and reliability in ubiquitous computing	<b>SESSION WS - MoMIR – B</b>  Network models and Enabling Technologies for Mobile Multimedia	<b>SESSION ERPAS – D</b>  Web and Multimedia Applications
15:00	<b>COFFEE BREAK</b>					
15:30	<b>CLOSING</b>  BEST PAPER AWARD JOURNAL SELECTIONS @WAS AWARDS					

# Detailed Program of iiWAS2006

4 - 6 December 2006

## iiWAS – I A: Ontologies • Chair: Man Tho Nguyen

<p>Dec. 4, 2006 13:00 – 15:00</p>	<p>Integrating Ontologies Visualization with the Edition of Profiles in Semantic Web Services: “OntoService” <i>J. Javier Samper, Vicente R. Tomás, Eduardo Carrillo, Rogerio P. C. do Nascimento, J. José Martinez</i></p> <p>Product Matching through Ontology Mapping in Comparison Shopping <i>Sangun Park, Wooju Kim, Sunghwan Lee, Siri Bang</i></p> <p>Ontology Based Publish Subscribe Framework <i>John Skovronski, Kenneth Chiu</i></p> <p>Product Finding on the Next Generation Web <i>Andreas Langegger, Roland Wagner</i></p>
---------------------------------------	---

## iiWAS – I B: Information Retrieval 1 • Chair: Zaher Al-Aghbari

<p>Dec. 4, 2006 13:00 – 15:00</p>	<p>How Effective is WordNet In Improving the Performance of Information Retrieval Systems? <i>Maria Indrawan, Seng Loke</i></p> <p>Multi-Feature Integration with Relevance Feedback on 3D Model Similarity Retrieval <i>Saiful Akbar, Josef Kung, Roland Wagner, Ary S. Prihatmanto</i></p> <p>The Use of Maximal Frequent Sequences to Improve Document Ranking in Information Retrieval System for Indonesian Language <i>Dwi Astuti Aprijani, Zainal A. Hasibuan</i></p> <p>Binding Semantic to a Sketch Based Query Specification Tool <i>Shahrul Azman Noah, Saiful Bahri Sabtu, Nazlena Mohamad</i></p>
---------------------------------------	--

**iiWAS – I C: Information Retrieval 2 • Chair: TBA**

<p>Dec. 4, 2006 15:30 – 17:00</p>	<p>A Front-End Approach for User Query Generation and Information Retrieval in the SemanticLIFE Framework <i>Hanh Huu Hoang, Tho Manh Nguyen, Amin Andjomshoaa, A Min Tjoa</i></p> <p>Co-Reference Resolution for the Indonesian Language Using Association Rules <i>Indra Budi, Stephane Bressan, Nasrullah</i></p> <p>Off-line Segmentation of Arabic Handwritten Image Documents into Word Images <i>Salama Brook, Zaher Al Aghbari</i></p> <p>Image Mining by Representing Image Color Distribution with Time Series <i>Zaher Al Aghbari</i></p>
---------------------------------------	--

**iiWAS – I D: Human Computer Interaction • Chair: TBA**

<p>Dec. 4, 2006 15:30 – 17:00</p>	<p>From Web 1.0 to Web 2.0 and Beyond: Is the Web Becoming More Accessible for People with Visual Impairments? <i>Hend Al-Khalifa, AbdulMalik Al-Salman</i></p> <p>Mouse intervention CAPTCHA Triet Giang, Fei Liu</p> <p>Navigation Space Formalism and Exploration of Knowledge Worker Behavior on Intranet <i>Peter Geczy, Noriaki Izumi, Shotaro Akaho, K`oiti Hasida</i></p> <p>Ubiquitous Robot for Human-Robot Symbiotic System <i>Sidiq Hidayat, Bong Keun Kim, Tamio Tanikawa, Kohtaro Ohba</i></p> <p>Information Systems Development Failure: The Case of Web Catalogue Deployment within Indonesian SMES <i>Samiaji Sarosa</i></p>
---------------------------------------	--

**iiWAS – II A: Modelling Web Services • Chair: Maria Indrawan**

<p>Dec. 5, 2006 13:00 – 15:00</p>	<p>Proposal of a Standardized Web Service Using a Complex Input Data Type <i>Takeshi Koshida</i></p> <p>A New Modelling Approach to Enhance Reliability of Transactional Oriented Web-Services <i>Adil Hammadi, Saqib Ali, Fei Liu</i></p> <p>An integrated service model capable of supporting RFID application services through T-DMB <i>HyunGon Kim, JaeHyun Seo, ByeongKyun Oh</i></p> <p>Performance and Service Delay Guarantees for Web Servers: A Robust Control Approach <i>Bing Du, David Levy</i></p> <p>Design Patterns in Telecommunications Service Engineering <i>Dionisis Adamopoulos</i></p> <p>Interoperability: IEEE FIPA Compliant MAS with Web Services Resource Framework <i>Abdul Ghafoor, Arshad Ali, H Farooq Ahmed, Iftikhar Azim Niaz</i></p>
---------------------------------------	--

**iiWAS – II B: Information Integration Management • Chair: Juha Puustjärvi**

<p>Dec. 5, 2006 13:00 – 15:00</p>	<p>On Meta-Data Standards: The OMG Meta Object Facility <i>Ilija Petrov</i></p> <p>Answering Arbitrary Conjunctive Queries over Incomplete Data Stream Histories <i>Alasdair J. G. Gray, M. Howard Williams, Werner Nutt</i></p> <p>Introducing “HEALTH” Perspective in Open Source Web-Engineering Software Projects Based on Project Data Analysis <i>Dindin Wahyudin, Alexander Schatten, Khabib Mustofa, Stefan Biffel, A Min Tjoa</i></p> <p>Preferred Interaction, Don't Leave Home without It! <i>Ary Setijadi Prihatmanto, Michael Haller, Roland Wagner</i></p>
---------------------------------------	--

**iiWAS – II C: ORDB: Applications and Management • Chair: Wenny Rahayu**

<p>Dec. 5, 2006 15:30 – 17:00</p>	<p>GML Documents: An approach for Database Schema Design and Storing <i>Leonardo G Chaves, Jugurta Lisboa Filho, Marcus V.A. Andrade</i></p> <p>An Approach to Unification of XML and Object-Relational Data Models <i>Iryna Kozlova, Norbert Ritter</i></p> <p>Searching Object-Relational DBMS Features for Improving Efficiency and Scalability of Decision Tree Algorithms <i>Veronica Moertini, Benhard Sitohang, Oerip S. Santosa</i></p>
---------------------------------------	---

**iiWAS – II D: Semantic and Spatial-Based Queries • Chair: Zainal Hasibuan**

<p>Dec. 5, 2006 15:30 – 17:00</p>	<p>Identifying Relevant Sources in Query Reformulation <i>Sharifullah Khan, Franck Morvan</i></p> <p>An XML Document Generator for Semantic Query Optimization Experimentation <i>Ke Geng, Gillian Dobbie</i></p> <p>Pine Based Group K-Nearest Neighbors Queries in Road Networks <i>Maytham Safar, Hanan Khateeb</i></p>
---------------------------------------	--

**iiWAS – III A: E-Government: Model and Implementation • Chair: TBA**

Dec. 6, 2006 10:30 – 12:00	Using Knowledge Management and Business Processes in E-Government <i>Juha Puustjärvi</i>
	E-Government in Kuwait: From Vision to Reality <i>Abdulazeez Boujarwah</i>
	Strategic Planning for E-Government Implementation of Kabupaten/Kota <i>Stevanus Wijaya, Kridanto Surendro</i>

**iiWAS – III B: Applications for Learning • Chair: Inggriani Liem**

Dec. 6, 2006 10:30 – 12:00	Comparison Study on Maximum Conditional Expectation of the Bayesian Posterior Distribution with Classification Using Decision Tree <i>Bernardo Yahya, Siana Halim, Fandlie Pariyanto</i>
	Interactive System for Walkthrough Visualization <i>Yuwaldi Away</i>
	Multi-Channel Learning – E-Learning Model of Bina Nusantara University <i>Harjanto Prabowo</i>
	Performance Evaluation of Server Load for a WWW-based Video-Conference System <i>Kaoru Sugita, Noriki Uchida, Leonard Barolli, Arjan Durresti</i>



**iiWAS – III C: Integrated Information Processing – Short Presentations • Chair: TBA**

<p>Dec. 6, 2006 13:00 – 15:00</p>	<p>Ontology-Based Meta-Model for Semantically Interoperable Systems <i>Nadia Yaacoubi Ayadi, Mohamed Ben Ahmed, Yann Pollet</i></p> <p>Design Pattern for Schema Matching: Application to Document Search <i>Aicha-Nabila Benharkat, Chkouri Mohamed, Youssef Amghar</i></p> <p>Web-based Collaborative Model for Preparing Formal Software Specifications <i>Mohammed Sullabi, Zarina Shukur</i></p> <p>A Pattern-Oriented Framework for Text Processing and Summarization <i>Waleed Al-Sanie, Ameer Tourir, Hassan Mathkour</i></p> <p>Applying Key-Phrases in Cross-Language Information Retrieval <i>Thanh Chanh Nguyen, Tuoi Thi Phan</i></p> <p>Programming Exercises via Algoshop: A Web Based Multiplayer Game <i>Reza Ferrydiansyah; Inggriani Liem</i></p>
---------------------------------------	--

**iiWAS – III D: E-Applications – Short Presentations • Chair: Abdul Malik Al-Salman**

<p>Dec. 6, 2006 13:00 – 15:00</p>	<p>Implementing SMS-Vased E-Government Model <i>Tony Dwi Susanto; Robert Goodwin</i></p> <p>A Multi-Agents System to Support a Virtual Laboratory <i>Saad Harous, Djamila Mechta, Mahieddine Djoudi, Amel Douar</i></p> <p>The Level of E-Government Adoption: The Case of Jogjakarta's Local Governments <i>Samiaji Sarosa, Jenjang Sri Lestari</i></p> <p>Do we Really Need Access Control? <i>Edgar Weippl</i></p> <p>Adaptive System for Libraries Integration Case Study: University of Indonesia's Libraries <i>Rizal F. Aji, Heri Kurniawan, Zainal A. Hasibuan</i></p> <p>A Proposed Framework for Measuring e-Learning Performance Based on Balanced Scorecard <i>Pujianto Yugopuspito, Rio Setiadi, Mutiara P.C. Pardede</i></p> <p>Improving Quality of Life Through E-Counselling <i>Sellappan Palaniappan, Tan Jun-E</i></p>
---------------------------------------	---

# Detailed Program of MoMM2006

4 - 6 December 2006

## MoMM – I A: Mobile Multimedia IP • Chair: TBA

Dec. 4, 2006 13:00 – 15:00	SIP Signaling Retransmission Analysis over 3G network <i>Vincent Planat, Nadja Kara</i>
	A Critical Evaluation of the IMS Presence Service Ling Lin, Antonio Liotta
	Multimedia Flow Mobility in Heterogeneous Networks Using Multihomed Mobile IPv6 <i>Christer Ahlund, Robert Brännström, Karl Andersson, Örjan Tjernström</i>
	Performance of a H.264/AVC Error Detection Algorithm Based on Syntax Analysis <i>Luca Superiori, Olivia Nemethova, Markus Rupp</i>

## MoMM – I B: Mobile Network Traffic Engineering and Optimization • Chair: TBA

Dec. 4, 2006 15:30 – 17:00	A Paging Cost Constrained Location Area Planning in Next Generation Mobile Networks <i>Vilmos Simon, Sandor Imre</i>
	Environmental Effects on The Performance of Wireless Local Loop Systems <i>Sami El-Dolil, Emad Hassan</i>
	Jitter Detection for Connection-Level and Packet-Level QoS support in Mobile Multimedia Networks <i>Veerasikku Manimaran Sivagami, Susan Elias</i>
	A Prediction Scheme to Enhance the Routing Process in Geographical GSPR Ad Hoc Protocol <i>Raed Saqour, Mohamad Shanudin, Mahamod Ismail</i>
HSM: A Hybrid Streaming Mechanism for Delay-tolerant Multimedia Applications <i>Annanda Th. Rath, Saraswathi Krithivasan, Sridhar Iyer</i>	

**MoMM – II A: Mobile Multimedia Content Management • Chair: Thomas Grill**

	<p>A Prototype for Voice Driven Emotion Recognizer Mobile Phone <i>Aishah Abdul Razak, Mohamad Izani Zainal Abidin, Ryoichi Komiya</i></p> <p>User Centric Assessment of Mobile Contents Delivery <i>Florence Agboma, Antonio Liotta</i></p> <p>Mining and Visualizing Multimedia Dataset on Mobile Devices in a Topic-oriented Manner <i>Lei Wang, Dian Tjondronegoro</i></p>
<p>Dec. 5, 2006 13:00 – 15:00</p>	<p>A Novel Region-of-Interest Coding Based on Rate-Distortion Optimization <i>ShaoJie Sun, Qiong Wu, GuoHui Li, Jun Zhang</i></p> <p>Bathymetric Forecasting Using Multilayer Spatial Images <i>Petrus Paryono</i></p> <p>Content Based Architecture for Video Transcoding <i>Ashraf M.A. Ahmad, Bashar Mamoon Ahmad</i></p> <p>Mobile P2P Web Service Creation using SIP <i>Guido Gehlen, Fahad Aijaz, Yi Zhu, Bernhard Walke</i></p>

**MoMM – II B: Ubiquitous Environments • Chair: Antonio Liotta**

	<p>Low Cost Rendering Method for Virtual Factory Considering Interpolation of Occluded Objects <i>Hiroki Takahashi, Naoyuki Tamura, Toshihiko Furue, Osamu Yoshie</i></p> <p>Structured Context Blogging in Ubiquitous Environments <i>Thomas Grill, Reinhard Kronsteiner</i></p>
<p>Dec. 5, 2006 15:30 – 17:00</p>	<p>Managing Peer-To-Peer Multimedia Asset Distribution and Intellectual Property Across Heterogeneous Networks <i>Jonathan Brazil, Tom Pfeifer, Willie Donnelly, Barry Downes</i></p> <p>Exploring the Interactive Business Model of Mobile Multimedia Services: Case Study on Supergirl Contest Show in China <i>Yun Jiang, Laurent Gille</i></p> <p>Multimedia Tools for Teaching Reconfigurable Systems <i>Valery Sklyarov, Iouliia Skliarova</i></p>

**MoMM – III A: Wireless Sensor and Ad Hoc Networks • Chair: TBA**

Dec. 6, 2006 10:30 – 12:00	LESCS Utilization in Home Network Scenario <i>Bo Huang, Takaaki Baba</i> A Bound for the Connectivity of Ad Hoc and Sensor Networks with Unidirectional and Irregular Links <i>Giuseppe De Marco, Leonard Barolli</i> A Case Study of Event Detection in Lattice Wireless Sensor Network with Shadowing-Induced Radio Irregularities <i>Tao Yang, Giuseppe De Marco, Makoto Ikeda, Leonard Barolli</i> Performance Improvement of Dynamic Source Routing on MANET Using Fuzzy Logic <i>Agus Wagyana, Hendrawan, Nana Rachmana</i>
-------------------------------	--

**MoMM – III B: Mobile Computing Market, Business Models and Services – Short Presentations • Chair: TBA**

Dec. 6, 2006 13:00 – 15:00	Vecernicek and the Czech Mobile Market: A Cultural Approach to Killer Apps <i>Lucie Joschko, Jerome Moscicki, Marian Quigley</i> Quick Overlay Topology Organizing Based on Life Cycle <i>Sun Xiao, Wang Hui, Sun Min</i> Identification of Alternatives to Support Processes of Everyday Life with Mobile Technologies <i>Oliver Bohl, Shakib Manouchehri, Udo Winand</i> Reconciliation of Structured Data in Multihop MANETs <i>Christian Hoff, Ulf Wehling</i> Location-Aware Voice-Enabled Web Services for Mobile Devices <i>Shreyas Prasad, Zachary Davis, Mike Hu, M. Schuricht, P.M. Melliar-Smith, Louise E. Moser</i> Financial Mobile System Based on Intelligent Agents <i>Fernando Zacarias, Antonio Sanchez, Dionicio Zacarias, Alejandro Mendez, Rosalba Cuapa</i> Resource Management Strategy to Support Real Time Video Across UMTS and WLAN Networks <i>K. Ayyapan, I. Saravanan, S. Sivaradje, P. Dananjayan</i> Change Detection from Multitemporal Land-cover Class Images <i>Petrus Paryono</i>
-------------------------------	--

# Detailed Program of iiWAS2006/MoMM2006 related workshops

## 4 December 2006

### SOC – A: Design Methodology

Dec. 4, 2006 13:00 – 15:00	Design of SoPC Platform for Multi soft core processor <i>Hong Xing WEI, Wei LI, Kai SUN , Shi Heng CHENG, China</i>
	A formal approach for network-on-chip design <i>Karla D.N. Ramos, Claudia M.F.A. Ribeiro, Anamaria M., Moreira, Ivan S. Silva, Brasil</i>
	Design methods and tools for fpga-based implementation of combinatorial search algorithms <i>Iouliia Skliarova, Valery Sklyarov, Portugal</i>
	Distributed midi player via snmp using microcontroller atmega128 <i>Puspaningtyas S. Adi, Arief Kurniawan, Indonesia</i>

### SOC – B: Embedded SoC Security and Performance

Dec. 4, 2006 15:30 – 17:00	Security Improvement in Embedded Systems via an Efficient Hardware Bound Checking Architecture <i>Michael Georg Grasser, Eugen Brenner, Austria</i>
	Talus: Compiler-Assisted Java Accelerator <i>Seok Joong Hwang, Peter Harliman, Seon Wook Kim, Korea</i>
	A new cluster-based key distribution for USNs <i>Kyounghyo Lee, Eun-A Jun, Byoung-kyun Oh, Sang-Gug Lee and Seok Won Jung, Korea</i>

## MDC – A: Web and Information Systems

<p>Dec. 4, 2006 13:00 – 15:00</p>	<p>Semantic Web Based To Support Supply Chain Management <i>Lily Wulandari and I Wayan Simri Wicaksana, Indonesia</i></p> <p>Secure Grid-based Computing with Social-Network Based Trust Management in The (Semantic) Web <i>Roman Spanek and Miroslav Tuma, Czech Republic</i></p> <p>Higher education information system: From strategic planning to development phases <i>Edited by Lipur Sugiyanta, Indonesia</i></p> <p>Preliminary Report : E-Learning System <i>Muhammad Said Hasibuan, Indonesia</i></p>
---------------------------------------	--

## MDC – B: Data management and business issues

<p>Dec. 4, 2006 15:30 – 17:00</p>	<p>Data Structure Estimation for RDF Oriented Repository Building <i>Martin Rimnac, Czech Republic</i></p> <p>Feedback-Driven Semi-Supervised Clustering For Comparative Text Mining <i>Sri Purwanti, Indonesia</i></p> <p>Ontology Maintenance in Peer-2-Peer (P2P) Environment <i>Lintang Yuniar Banowosari, I Wayan Simri Wicaksana, Suryadi H.S, Indonesia</i></p> <p>Identifying the business values of information technology using hermeneutics <i>Benny Ranti, Indonesia</i></p>
---------------------------------------	--

# Detailed Program of iiWAS2006/MoMM2006 related workshops

## 5 December 2006

### SIHK – A: Semantic Data Integration in Web, Grid & P2P Applications

<p>Dec. 5, 2006 13:00 – 15:00</p>	<p>Federated Ontology Search <i>Vasco Calais Pedro, Eric Nyberg, Jaime Carbonel I, U.S.A</i></p> <p>Semantic Enrichment of Search Result: the Coupling of Semantic Store and Google Services <i>Khabib Mustofa, Amin Andjomshoaa, A Min Tjoa, Austria</i></p> <p>OGSA-WebDB: Enabling Web Database Access and Integration in the Grid <i>Said Mirza Pahlevi and Isao Kojima, Japan</i></p> <p>DODA 0.1: An ontology for lightweight integration of semantic data access technologies <i>Giovanni Tummarel lo, Italy, Christian Morbidoni, Michele Nucci, Richard Cyganiak, Germany</i></p> <p>A study on the Hybrid Grid Information Service with Client/Server Model and P2P Model <i>YunHee Kang, KyungWoo Kang and SangHwan Kung, Korea</i></p> <p>Matchmaking Based Semantic Agreement Approach for Discovery of P2P Sources <i>I Wayan Simri Wicaksana and Kokou Yetongnon, France</i></p>
---------------------------------------	---

## SIIK – B: Heterogeneous Data Integration Technologies & Applications

Dec. 5, 2006 15:30 – 18:00	<p>Developing an application integration strategy for electronic prescription system <i>Juha Puustjärvi and Leena Puustjärvi, Finland</i></p> <p>A Service Oriented Approach for Integrating Metadata from Heterogeneous Digital Libraries <i>Bernhard Haslhofer, Austria</i></p> <p>An experiment on visible changes of web pages <i>Joo Yong Lee, Sang Ho Lee, Korea, Yanggon Kim, U.S.A</i></p> <p>A practice of extracting geographical location of website from its web pages <i>Yingwei LUO, Xiaolin WANG, Bin LIANG, Yixin WANG, China</i></p> <p>Towards natural spatiotemporal knowledge formalization for intuitive human-system interaction <i>Masao Yokota, Japan</i></p> <p>On the Integration, Repairing and Querying of Conflicting Data <i>Luciano Caroprese and Ester Zumpano, Italy</i></p> <p>An improved methodology for semantic scheme qualification <i>Vicente Palacios, Jorge Morato, Sonia Sanchez-Cuadrado, Juan Llorens, Jose A. Moreiro, Spain</i></p> <p>Business intelligence <i>Felix Halim, Agus Prayudhi, Stefanie, Indonesia, Basuki Setio, Raymondus Kosala, Austria</i></p>
-------------------------------	---



## BWCCA – A: Network Models, Algorithms and Analysis

Dec. 5, 2006 13:00 – 15:00	Performance analysis on negligible blocking dc-based optical switches under certain degree of crosstalk <i>Chen Yu, Yasushi Inoguchi, Susumu Horiguchi, Japan</i>
	Study on mobility management modelling methods <i>Benedek Kovacs, Peter Fülöp, Sandor Imre, Hungary</i>
	Evaluation of batch mode methods for scheduling in grid systems <i>Fatos Xhafa, Spain, Leonard Barolli, Japan, Arjan Duresi, USA</i>
	A generic model for mobility management in beyond third generation networks <i>Maria Luisa Cristofano, Italy, Andrea G. Forte, Henning Schulzrinne, U.S.A, Maurizio Longo, Fabio Postiglione, Italy</i>
	Joint STC-OFDM and smart antenna based on convolutional composite weighting algorithm <i>Zheng Wang, Weixiao Meng, and Zhiqiang Xing, China</i>

## BWCCA – B: Multimedia Applications and Network Protocols

Dec. 5, 2006 15:30 – 17:00	Hybrid training protocol for wireless sensor networks <i>Ruzana Ishak, Malaysia, Qingwen Xu, Stephan Olariu, U.S.A, Shaharuddin Sal leh, Malaysia</i>
	HYMN: An interest-based multimedia providing system for hybrid wireless networks <i>Adrian Andronache, Matthias R. Brust, Steffen Rothkugel, Luxembourg</i>
	Towards ubiquitous intelligence based on mental image directed semantic theory <i>Masao Yokota, Japan</i>
	A new protocol for secure group key management in wireless network <i>Jianming Zhu, Li Yan, China</i>

## ERPAS – A: Information Systems and Information Management

<p>Dec. 5, 2006 13:00 – 15:00</p>	<p>Establishing Microsoft Research Centre Indonesia: An Approach to Determine Leading Products <i>Kridanto Surendro , Basuki Sugiharto, Nurhajati Ma ~Omun , Wawan Dhewanto , Ronaldi, Indonesia</i></p> <p>Risk management: Small and medium enterprises <i>Upasna Saluja, Dato Norbik Bashah Idris, Malaysia</i></p> <p>Promoting an Environment for Active User Involvement for Requirements Elicitation Activity using Focus Group Discussion <i>Zarinah Mohd Kasirun and Siti Salwa Salim, Malaysia</i></p> <p>Forecasting tools for telekom Malaysia <i>Fatimah Almah Saaid, Norazrina Abu Haris, Noor Azhari Md Yusof, Noor Fazilatulakma Mohd Zaini, Mohd Izhan Mohd Yusoff, Malaysia</i></p> <p>An empirical process for evaluating and selecting AWEM environments: Evaluation Phase <i>Abdullah S. Alghamdi, Arabia</i></p> <p>Managing transactions on multiple database connections using enterprise java beans and web services <i>Harya Damar Widiputra, Basuki Setio, Indonesia</i></p>
---------------------------------------	---

## ERPAS – B: Management of Data

<p>Dec. 5, 2006 15:30 – 17:00</p>	<p>Datawarehousing of academic data: A proposition of cleansing template <i>Paulus Mudjihartono, Alb. Joko Santoso, Indonesia</i></p> <p>Data integration: An experience of information system migration <i>Inggriani Liem, Indonesia, Dindin Wahyudin, Alexander Schatten, Austria</i></p> <p>Mapping flat relational views into nested views with functional and multi-valued dependencies for XML <i>Mohammed Nasser, Hamidah Ibrahim, Ali Mamat, Md. Nasir Sulaiman, Malaysia</i></p> <p>Performance evaluation of database selection approaches <i>Mohammad Hassan , Jordan</i></p>
---------------------------------------	--

# Detailed Program of iiWAS2006/MoMM2006 related workshops

## 6 December 2006

### TwUC – A: Privacy and Usability in Ubiquitous Computing

Dec. 6, 2006 10:30 – 12:00	A design and protocol of customizing ubiquitous hospital service with privacy management system <i>Byungil Lee and Howon Kim, Korea</i>
	Design of ergonomic interfaces <i>Saad Harous, Amel Douar, Mahieddine Djoudi, Djamila Mechta, France</i>
	Towards design patterns for mobile usability support <i>Bettina Biel and Volker Gruhn, Germany</i>
	Efforts towards adaptive, secure and usable pervasive environments <i>Dana Al Kukhun, Florence Sedes, France</i>

### TwUC – B: Security and reliability in ubiquitous computing

Dec. 6, 2006 13:00 – 15:00	A context authentication proxy for ipsec using spatial reference <i>Rene Mayrhofer, U.K.</i>
	Securing web-based media tracker using three-factor authentication <i>Husni Fahmi, Ganesha Bayu Murti, Haret Faidah, Indonesia</i>
	Autonomic computing: an emerging approach to management <i>Mohammad Reza Nami and Koen Bertels, Netherlands</i>

## MoMIR – A: Mobile Multimedia Applications

Dec. 6, 2006 10:30 – 12:00	<p>Design and Implementation of a Mobile Wiki <i>Darren Huang, Roe Paul, On Wong, Australia</i></p> <p>Mobile News Service Prototype <i>Budi Susanto and Restyandito, Indonesia</i></p> <p>Design and Implementation of a Multimedia Messaging Service for Remote Room Surveillance <i>Frans Sunarja, James Purnama, Harya Damar, Basuki Setio, Indonesia</i></p> <p>AMIE: An annotation model for information research for decision making <i>Charles Robert and Amos David, France</i></p>
-------------------------------	--

## MoMIR – B: Network models and Enabling Technologies for Mobile Multimedia

Dec. 6, 2006 13:00 – 15:00	<p>Design and implementation of data provider server using web service technology for mobile application <i>Natalia Nanda Wardhani, Harya Damar, ST, MSc, James Purnama SKom, MSc, Ir. Basuki Setio, MSc, Prof. Marsudi Kisworo, Indonesia</i></p> <p>Directional diversity in smart antenna and LAS CDMA systems <i>Chee Kyun Ng, Mahamod Ismail, Sabira Khatun, Borhanuddin Mohd Ali and Sudhanshu Shekhar Jamuar, Malaysia</i></p> <p>Factors inducing cell phone user's device competency : an empirical study <i>Lucia D. Krisnawati and Restyandito, Indonesia</i></p> <p>Supporting the evolution of service-oriented architectures towards internet middleware <i>Dionisis Adamopoulos, Greece</i></p> <p>Implementation of Distributed Transaction on the Session Facade Design Pattern using Web Service Technology <i>Indira Nurdiani, Harya Damar Widiputra, Basuki Setio, James Purnama, Indonesia</i></p>
-------------------------------	---

## ERPAS – C: Networks and Protocols

Dec. 6, 2006 10:30 – 12:00	Implementation of SOHO IPv6 Router using IXP425 Network Processor <i>Husni Fahmi, Haret Faidah, A. A. N. Ananda Kusuma, Yuki Istianto, Tahar Agastani, Tri Sampurno, Indonesia</i>
	Cost-based FWA networks optimisation <i>Sigit Haryadi, Indonesia</i>
	A loosely coupled architecture of web server using socket cloning <i>Kusworo Anindito, Kusnadi, Indonesia</i>
	Implementing a web services atomic transaction (WS-AT) protocol to demonstrate distributed transaction over the web environment <i>Mahayekti Hacinthiyasakti, Basuki Setio, Harya Damar Widiputra, Indonesia</i>
	Meta search using distributed web service technology <i>Kusnadi, Y. Sigit Purnomo W.P., Indonesia</i>

## ERPAS – D: Web and Multimedia Applications

Dec. 6, 2006 13:00 – 15:00	Hierarchical Web Page Model for Periodical Updating <i>Maytham Safar and Sami Habib, Kuwait</i>
	Redefinition of 3D Model Similarity Search Problem <i>Ary S. Prihatmanto, Saiful Akbar, Josef Küng, Roland Wagner, Austria</i>
	Website utilization for E-class development <i>Budi Sutedjo Dharma Oetomo, Jarot Priyogutomo, Esther Wibowo, Indonesia</i>
	Tae Kwon Do Scoring System Using Joystick With Bluetooth <i>Eddy Julianto, Eduard Rusdianto, Indonesia</i>
	Website Designer: Engineer of Communication Channel <i>Esther Wibowo, Indonesia</i>