

PROGRAM STRUCTURE iiWAS2007/MoMM2007

Sunday, 2 December 2007

17:00 - 19:00	REGISTRATION In order to avoid the long queue on the morning of the first day, registration will be open at Hotel Santika Jl. Aipda K.S. Tubun No. 7 Slipi Jakarta 11410
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Monday, 3 December 2006

Venue: State Islamic University Syarif Hidayatullah (UIN) Jakarta
Jl. Ir. H. Juanda No. 95
Ciputat, Jakarta 15412

There will be a bus shuttle at 7:30 from the following hotels: Hotel Sultan, Hotel Santika, Hotel Menara Peninsula and Hotel Ibis Slipi, to the campus of UIN

08:30	REGISTRATION	
09:30	CONFERENCE OPENING Prof. Dr. Komarudin, Rector UIN Dr. Ismail K Ibrahim, Founding Chair @WAS organization Dr. David Taniar & Dr. Eric Pardede, Program Chairs Dr. Syopiansyah Jaya Putra, Organizing Committee Chair	
09:45	OPENING SPEECH His Excellency Dr. M. Nuh , Minister of Communication and Information Technology of the Republic of Indonesia	
10:00	KEYNOTE Shifting our social responsibilities to ICT Prof. Dr. Gabriele Kotsis, Vice Rector for Research, Johannes Kepler University Linz	
10:30	COFFEE BREAK	
11:30	KEYNOTE TALKS iiWAS2007 Confident Computing - a New Paradigm for Interactions on the Web and Internet Prof. Elizabeth Chang, Curtin Business School, Curtin University of Technology, Australia Education: The Quest for the Lost Wisdom in the Maze of Knowledge Prof. Jubair Jwamear A. S. Al-Jaafar Alhadithi CIS/UTP- Malaysia	KEYNOTE TALKS MoMM2007 Abnormal Behaviour Detection within Mobile Networks Prof. Bala Srinivasan and Dr. Asad I. Khan, Clayton School of Information Technology, Monash University, Australia Sensor Networks Hype or Reality? Prof. Stephan Olariu, Department of Computer Science, Old Dominion University, USA
12:30	LUNCH	
13:30	TUTORIAL iiWAS2007 XML Databases: Trends, Issues, and Future Research Wenny Rahayu & Eric Pardede Department of Computer Science & Computer Engineering, La Trobe University, Australia David Taniar Clayton School of Information Technology, Monash University. Australia	TUTORIAL MoMM2007 Context Awareness for Multiple Space Management: Assistive Environment Use Case Mohamed Ali Feki Computer Graphics and Interface Department, Institute for Infocomm Research, Singapore
15:00	COFFEE BREAK	
15:30	PANEL DISCUSSION “Beyond 2.0, Tomorrow's Web and Mobile Multimedia applications and supporting technologies” Panel Chair: Stephane Bressan, National University Singapore, Singapore	
16:30	WELCOME RECEPTION Faculty of Science and Technology State Islamic University Syarif Hidayatullah (UIN) Jakarta, Jl. Ir. H. Juanda No. 95 Ciputat, Jakarta 15412 <i>There will be a bus shuttle from UIN to the following hotels: Hotel Sultan, Hotel Santika, Hotel Menara Peninsula and Hotel Ibis Slipi, at 18:00</i>	

Tuesday, 4 December 2007

Hotel Santika
Jl. Aipda K.S. Tubun No. 7
Slipi Jakarta 11410

09:00	SESSION iiWAS IIA Semantic Web and Ontologies I	SESSION iiWAS IIB Web Services	SESSION MoMM IIA Mobile Multimedia		
10:30	COFFEE BREAK				
11:00	SESSION iiWAS IIC Semantic Web and Ontologies II	SESSION iiWAS IID Data Mining and Intelligence	SESSION MoMM IIB Mobile Database, Service and Applications	SESSION BWCCA-A P2P and Multimedia Applications	SESSION ERPAS-A
12:30	LUNCH				
13:30	SESSION iiWAS IIE Mobile & Ubiquitous Information Integration	SESSION iiWAS IIF XML Documents and Database	SESSION MoMM IIC Optimization and Performance Issues	SESSION BWCCA B Wireless Sensor and Ad-Hoc Networks	SESSION ERPAS-B
15:00	COFFEE BREAK				
15:30 – 17:00	SESSION iiWAS IIG Short Papers I:	SESSION iiWAS IIH Short Papers II:	SESSION MoMM IID Short Papers	SESSION BWCCA-C Wireless Networks and Applications	SESSION ERPAS C
18:00	CONFERENCE DINNER AND TRADITIONAL JAVANESE DANCE Gathering point Hotel Santika Jl. Aipda K.S. Tubun No. 7 Slipi Jakarta 11410				

Wednesday, 5 December 2007

Hotel Santika
Jl. Aipda K.S. Tubun No. 7
Slipi Jakarta 11410

09:00	SESSION iiWAS IIIA E-Applications Deployment and Development	SESSION iiWAS IIIB AI Applications for Information Integration	SESSION MoMM IIIA Mobile Network I	SESSION MoMIR	
10:30	Coffee Break				
11:00	SESSION iiWAS IIIC Short Papers III:	SESSION iiWAS IIID Short Papers III:	SESSION MOMM IIIB Mobile Network II	SESSION TWUC	
12:30	Lunch				
13:30 – 14:00	CLOSING BEST PAPER AWARD JOURNAL SELECTIONS @WAS AWARDS				

iiWAS – II A. Chair: Maria Indrawan

Dec. 4, 2007 09:00 – 10:30	Sub-Ontology Discovery for Adaptive Re-use <i>Rodolfo Stecher</i> , Claudia Niederée, Wolfgang Nejdl, Paolo Bouquet (Germany, Italy)
	Security aspects in Semantic Web Services Filtering Witold Abramowicz, Andreas Ekelhart, Stefan Fenz, Monika Kaczmarek, A Min Tjoa, Edgar R. Weippl, Dominik Zyskowski (Poland, Austria) - Presented by <i>Thomas Neubauer</i>
	A Dedicated Model in Developing Knowledge for Multi Agent System with Reconciliation Capability Cheah Wai Shiang, Leon Sterling (Australia)
	Applying Formal Methods in Ontology Reconciliation Techniques Design Patricio Alencar Silva , Ulrich Schiel , Cláudia Maria Fernandes, Araújo Ribeiro , Rute Cardoso Drebes (Brazil)

iiWAS – II B. Chair: Thomas Neubauer

Dec. 4, 2007 09:00 – 10:30	Engineering Communities of Web Services Sattanathan Subramanian, Philippe Thiran, Zakaria Maamar, Djamal Benslimane (Belgium, UAE, France)
	Worst-Case Performance Analysis of Web Service Workflows <i>Julian Eckert</i> , Krishna Pandit, Nicolas Repp, Rainer Berbner, Ralf Steinmetz (Germany)
	Secure Encryption, Decryption and Internet-based Transfer of the Binary Images Robert Sliz, Min-Yung Chang, Min-Jui Huang (Taiwan)
	Towards Dynamic Integration of Heterogeneous Web Services Transaction Partners Bilal Ahmad Choudry, Jinli Cao (Australia)

MoMM – II A. Chair: Wieland Schwinger

Dec. 4, 2007 09:00 – 10:30	Surfing the city: An architecture for context aware urban exploration <i>Mercedes Paulini</i> , Marc Aurel Schnabel (Australia)
	MBMS Service Provisioning in UMTS/WLAN Heterogeneous Architectures Laszlo Bokor, Zoltan Nemeth, Istvan Dudas, Sandor Imre (Hungary) – Presented by <i>Árpád Huszák</i>
	TFRC-Based Selective Retransmission for Multimedia Applications <i>Árpád Huszák</i> , Sándor Imre (Hungary)

iiWAS – II C. Chair: Gillian Dobbie

Dec. 4, 2007 11:00 – 12:30	An Ontology for XML Schema to Ontology Mapping Representation Kai Yang, Robert Steele, Amanda Lo (Australia) - Presented by <i>Elizabeth Chang</i>
	An ontology-based approach of query expansion <i>Thanh Nguyen, Tuoi T Phan (Vietnam)</i>
	User Data Privacy in Web Services Context Using Semantic Desktop - SemanticLIFE Case Study Mansoor Ahmed, Amin Anjomshoaa, A Min Tjoa (Austria) - Presented by <i>Thomas Neubauer</i>
	Scalable Directory Service and Message Delivery in Mobile Agent Systems Jinho Ahn (Korea)

iiWAS – II D. Chair: Mohammad Zulkernine

Dec. 4, 2007 11:00 – 12:30	PDE4Java: Plagiarism Detection Engine For Java Ameera Jadalla, <i>Ashraf Elnagar (UAE)</i>
	Web-based Heart Disease Decision Support System Using Data Mining Classification Modeling Techniques <i>Sellappan Palaniappan, Rafiah Awang (Malaysia)</i>
	Importance of Negative Associations and Mining of Association Pairs Alex Tze Hiang SIM, <i>Maria Indrawan (Australia)</i>

MoMM – II B. Chair: Asad Khan

Dec. 4, 2007 11:00 – 12:30	Exploring Model Engineering Techniques for the Integration of Heterogeneous Context Models <i>Wieland Schwinger (Austria)</i>
	Content Adaptation for Heterogeneous Mobile Devices using web-based Mobile Services <i>Robert Schmohl, Uwe Baumgarten, Lars Köthner (Germany)</i>
	Maintaining the Integrity Constraints of Mobile Databases with Event-Condition-Action (ECA) Rules <i>Hamidah Ibrahim (Malaysia) – Presented by Doha Yagoub</i>
	The Ubiquitous Grid <i>Patricia Sedlar, Gabriele Kotsis (Austria)</i>

BWCCA A. Chair: Leonard Barolli

Dec. 4, 2007 11:00 – 12:30	JXTA-Overlay: A P2P System for Groupware Tools Fatos Xhafa, Leonard Barolli, Raul Fernandez, Thanasis Daradoumis, Makoto Takizawa (Japan)
	Subjective and Objective Trustworthiness of Acquaintance Peers Yoshio Nakajima, Alireza Goudarzi Nemati, Tomoya Enokido, Makoto Takizawa (Japan)
	Architectural Solution for QoS Management in A WiMax Network Thomas Michael Bohnert, Marco Castrucci, Nicola Ciulli, Giada Landi, Ilaria Marchetti, Cristina Nardini (Italy)

ERPAS A. Chair: Sellappan Palaniappan

Dec. 4,
2007

11:00 –
12:30

Preserving Services Quality of P2P Video Streaming through Hybrid Peer-to-Peer Model
Ahmad Tajuddin Samsudin, Nanna Suryana Herman, Mat Kamil Awang, (Malaysia)

ICT Adopion: A Case of UDM

Fatma Susilawati Mohamad, Maizan Mat Amin, Norlina Udin, Kamarudin, Mumtazimah Mohamad (Malaysia)

Service and Aspect Based Approaches: State of the Art

Assia Ait Ali Slimane, Carine Souveyet (France)

Future Direction of Scalable Analytical Algorithm for Frequent Semistructured Pattern

Ford Lumban Gaol, Belawati Widjaja (Indonesia)

Information Risks Management for Information-based Organizations

Syopiansyah Jaya Putra, Yusuf Durachman, Sonny Zuhuda (Indonesia)

iiWAS – II E. Chair: Mohamed Ali Feki

Dec. 4, 2007 13:30 – 15:00	Context-Aware Security Service in RFID Enterprise Application Framework using Extended GRBAC Kiyeal Lee, Seokhwan Yang, <i>Mokdong Chung</i> (Korea)
	Comparative Literature Review on RFID Security and Privacy Bernhard Riedl, Gernot Goluch, Stefan Pöchlinger, Edgar Weippl (Austria) – Presented by <i>Thomas Neubauer</i>
	Managing Sensors Data in A Context-Aware Smart Office Teddy Mantoro (Indonesia)

iiWAS – II F. Chair: Luiz Capretz

Dec. 4, 2007 13:30 – 15:00	Recursive SQL-like Query language for XML Mourad Ykhlef (Saudi Arabia)
	Element Classification Based Transformation of XML Queries Ke Geng, Gillian Dobbie (New Zealand)
	Updating Multidimensional XML Documents <i>Nikolaos Foustieris</i> , Manolis Gergatsoulis, Yannis Stavrakas (Greece)

MoMM – II C. Chair: Maytham Safar

Dec. 4, 2007 13:30 – 15:00	A Complete HIP Based Framework for Secure Micromobility Laszlo Bokor, Szabolcs Novaczki, Sandor Imre (Hungary)
	Novel Network Design Algorithm for Optimizing Hierarchical Mobile IPV <i>Vilmos Simon</i> , László Bokor, Sándor Imre (Hungary)
	An Improved Particle Swarm Optimization for Indoor Positioning Hui Zhu, Huan Wang, Bo Huang, Yuji Tanabe, Takaaki Baba(Japan)
	Handover Adaptation for Dynamic Load Balancing in 3GPP Long Term Evolution Systems <i>Ridha Nasri</i> , Zwi Altman (France)

BWCCA B. Chair: Makoto Takizawa

Dec. 4, 2007 13:30 – 15:00	A Multi-Purpose Wireless Sensor Network for Residential Layouts D. Manjunath and S.V. Gopaliah (India)
	New Multicasting Algorithm for MANET using Support Node G.Varaprasad , R.S.D.Wahidabanu, P.Venkataram (India)
	Reliable Routing for Real-Time Services in Large Scale Wireless Sensor Networks Hyeon Park, Young-Hwan Ham, Sang-Joon Park, Jeong-Man Woo (Korea)

ERPAS B. Chair: Chun Kit See

Dec. 4,
2007

13:30 –
15:00

The Measurement of ICT Implementation Goal and Organization Culture Alignment in Governmental Sector using Competing Values Framework

Stevanus Wisnu Wijaya, A.M.Polina, Surat Djumadal (Indonesia)

Design and Implementation of the Connectionless Network Protocol (CLNP) as Loadable Kernel Modules in Linux Kernel 2.6

Bunga Sugiarto, Danny Laidi, Arra'di Nur Rizal, Maulahikmah Galinium, Pradana Atmadiputra, Melvin Rubianto, Husni Fahmi, Tri Sampurno, Marsudi Kisworo (Indonesia)

Design and Implementation of the End System to Intermediate System (ES-IS) Routing Information Exchange Protocol as A Loadable Kernel Module in Linux Kernel 2.6

Stella Maria, Maulahikmah Galinium, Husni Fahmi, Haret Faidah, James Purnama, Charles Lim, Harya Damar (Indonesia)

On Simulation: Performance of Ad-Hoc On-Demand Distance Vector (AODV) Routing Protocol on Ad Hoc Hybrid Network

Syopiansyah Jaya Putra, Abdusy Syarif (Indonesia)

iiWAS – II G. Chair: Andrei Kustov

Dec. 4, 2007 15:30 – 17:00	Generating Emotive Elements for a Malay Text to Speech System using Rule-Based Approach Mumtaz Begum, Raja N. Ainon, Zuraidah M. Don, Gerry Knowles (Malaysia)
	Combining PageRank and Citation Analysis to Measure Information Credibility in Internet <i>Ahmad Dahlan</i> , Benhard Sitohang (Indonesia)
	Nearest Neighbor Classification Using The Layered Range Tree Ibrahim Al-Bluwi, <i>Ashraf Elnagar</i> (UAE)
	Using Hybrid Solution for CLIR Noun Phrase Translation <i>Thanh Nguyen</i> , Tuoi T Phan (Vietnam)
	Automatic Transformer and Reverse Transformer in Software Generator Frame <i>M. Sukrisno Mardiyanto</i> , Soleh Udin Al Ayubi (Indonesia)

iiWAS – II H. Chair: Min-Jui Huang

Dec. 4, 2007 15:30 – 17:00	Design of Server Architecture for Efficiency and Stability of DB-IR Integration System Minho Lee, Jinsuk Kim, Yunsoo Choi, Chang-Hoo Jeong, Jeong-Hyun Seo, Hwa-Mook Yoon (Korea)
	Restructuring Instead of Integrating the Unstructured Biologists' Databases: A Conceptual Proposal <i>Sharifalillah Nordin</i> , Mohd Sapiyan Baba, Khairuddin Itam (Malaysia)
	Enhance Metadata To Searching for Appropriate Image Data Arrummaisha Adrifina, <i>Dian Kusuma Ningtyas</i> , Harya Iswara A.W., I. Wayan S. W., Setia Wirawan
	Web-based Interface in Public Cluster Z. Akbar, L.T. Handoko (Indonesia)

MoMM – II D. Chair: Mokdong Chung

Dec. 4, 2007 15:30 – 17:00	An Extended Payment Model with Fair Non-Repudiation Protocols for M-Commerce <i>Thi Thanh Huyen Phan</i> , Tran Khanh Dang (Vietnam)
	Simple Forward Method for Plagiarism Detection Chun Kit See, Wei Lee Woon, Kuok-Shoong Wong (Malaysia)
	Design and Implementation of A Mobile and Portable Lifelog Media System <i>Baud Haryo Prananto</i> , Ig Jae Kim, Hyoung Gon Kim (Korea)
	A Study on the Mobile Web Generating using Mobile Computing - Focused on News Website Heeae Ko, Jongkeun Kim, Kunjung Sim, Kunho Sim, Younghwan Lim (Korea)
	Teletraffic Analysis of Integrated Cellular/WLAN Networks K. Daniel Wong, R. Rajeswari and S.C. Ng (Malaysia)
	Movement Pattern Based Adaptive Location Management <i>Tania Das</i> , Abantika Choudhury, Debashis De (India)

BWCCA C. Chair: Leonard Barolli

Dec. 4, 2007 15:30 – 17:00	HYFISH—An RSS Feed Based Application for Sharing Files in Hybrid Wireless Networks <i>Ulf Wehling, Steffen Rothkugel (Luxembourg)</i>
	INFOAREA - An Open Multi-Purpose Information System for Mobile Age <i>Christian Vogt, Robert Walter, Jorg Rasinger, Gunther Specht (Austria)</i>
	Performance of Cyclic Code with Space-Time Block Code for Multiple Antenna Systems <i>Almas Uddin Ahmed, Nowshad Amin, Md. Shabiul Islam, Hafizal Mohamad, Nor Azhar Mohd Arif (Malaysia)</i>
	A Wake-Up Service Based on Bluetooth Technology <i>Bo Huang, Ying Xu, Hui Zhu, Takaaki Baba (Japan)</i>

ERPAS C. Chair: Abdul Malik AL-Salman

Dec. 4, 2007 15:30 – 17:00	Personal Base Station Concepts and Challenges <i>Krishnan Natarajan Iyer, Rajesh Tyagi (India)</i>
	Development of A Text Mining Based Search Engine Prototype using HTML Parser <i>Marcories, Richard Kumaradjaja (Indonesia)</i>
	Semantic Agreement Maintenance between Peers and Common Ontology in P2P Environment <i>Andreas Hadiyono, Prasetyo, Lintang Y. Banowosari, I Wayan Simri W (Indonesia)</i>
	Smart Shopping List as Context-Aware Mobile Service <i>Victor Khashchanskiy, Andrei Kustov, Sven Raeymaekers (Finland)</i>

iiWAS – III A. Chair: Amin Anjomshoaa

Dec. 5, 2007 09:00 – 10:30	Following a Seamless Component-Based Software Process <i>Luiz Capretz, Faheem Ahmed, Shereef Almaati (Canada, UAE, Kuwait)</i>
	System Infrastructure Design for an end-to-end E-Application for Lab Data Acquisition to Repository Deposition <i>Asad Khan, Abdul Malik Khan (Australia)</i>
	Secure Access to Emergency Data in an e-Health Architecture <i>Bernhard Riedl, Oliver Jorns (Austria) – Presented by Thomas Neubauer</i>
	Implementing Semantic Interoperability in Electronic Auctions <i>Juha Puustjärvi (Finland)</i>
	Analyzing Implementation of Indonesia Go Open Source (IGOS) at the Ministry of Research and Technology <i>Tania Firdausy, James Purnama (Indonesia)</i>

iiWAS – III B. Chair: Ashraf Elnagar

Dec. 5, 2007 09:00 – 10:30	Arabic Script Web Document Language Identifications Using Neural Network <i>Ali Selamat, Ng Choon Ching, Siti Nurkhadijah Aishah Ibrahim (Malaysia)</i>
	On an Arabic Text Segmentation Technique <i>Waleed Alsanie, Hassan Mathkour, Ameer Tourir (Saudi Arabia)</i>
	An Efficient Hierarchical Clustering Model for Grouping Web Transactions <i>Darenna Syahida Suib, Mustafa Mat Deris (Malaysia)</i>
	Translating Arabic Braille into Text <i>AbdulMalik Al-Salman, Mohammed Al-Kanhal, Yousef AlOhal, Hazem Al-Rashed, Bander Al-Sulami (Saudi Arabia)</i>

MoMM – III A. Chair: Bernady O Apduhan

Dec. 5, 2007 09:00 – 10:30	Performance Evaluation of a Fuzzy-based Handover System for Wireless Cellular Networks <i>Leonard Barolli, Fatos Xhafa, Arjan Duresi, Akio Koyama, Makoto Takizawa (Japan, Spain, USA)</i>
	Using an Evolutionary Search Approach to Determine the Sensors' Coverage within Wireless Sensor Networks <i>Sami Habib, Maytham Safar, Mohammed Taha (Kuwait)</i>
	Emergent Behavior in Massively-Deployed Sensor Networks <i>Ekatrina Shurkova, Ruzana Ishak, Stephan Olariu, Shaharuddin Salleh (USA, Malaysia)</i>
	The Concentric-Cluster Routing Scheme Adapted to Large-scale Sensor Networks <i>Sung-Min Jung, Young-Ju Han, Tai-Myoung Chung (Korea)</i>

MoMIR. Chair: Laura Rusu

Dec. 5,
2007
09:00 –
10:30

User Interface Design for a Content-aware Mobile Multimedia Application: An Iterative Approach
Zahid Hussain, *Martin Lechner*, Harald Milchrahm, Sara Shahzad, Wolfgang Slany, Martin Umgeher, Thomas Vlk, and Peter Wolkerstorfer (Austria)

Design of a JXTA bundle for provisioning multimedia service in a vehicle environment based on OSGi
SungDae Jung, SeungJin Lee, SangSunn Lee (Korea)

Channel Scheduling for Downlink Data Transmission at the Mac Layer oBase Station in the OFDMA System
Bhoolakshmi M., G.Varaprasad (India)

Mobile Social Network Services as a Self-Extension Tool: Reflective Analysis with Focus on Japan
Roman Shtykh, Shunichi Nakadate, Takeshi Hayata, Norihiro Kandou, Qun Jin (Japan)

iiWAS – III C. Chair: Juha Puustjärvi

Dec. 5, 2007 11:00 – 12:30	Design and Development of a Prototype of a Practical Work Template for a Virtual Laboratory Djamila Mehta, Saad Harous, Mahieddine Djoudi, Amel Douar (France, UAE, Algeria)
	Developing Intelligent Software to Self-Train the Musical Ear Christopher Seymour, Richard Kumaradjaja, Marsudi Kisworo, James Purnama (Indonesia)
	A Configurable Internet Browser for Unreliable Internet Connection <i>Ratna Wardani</i> , F. Soesianto, Lukito Edi Nugroho, Ahmad Ashari (Indonesia)
	Interoperability in E-Government: Adopting the Service Oriented Architecture (SOA) Framework for A Transparent Malaysian Public Delivery System M Salimah Mokhtar , Hayati Harudin (Malaysia)
	Multiple Super Peers to Reduce Single Failure of Super Peer Juwita Utami Putri, Sutresna Wati, <i>Vina Evania</i> , I Wayan S Wicaksana (Indonesia)

iiWAS – III D. Chair: Gunther Specht

Dec. 5, 2007 11:00 – 12:30	Multiobjective Decision Support for defining Secure Business Processes <i>Thomas Neubauer</i> , Johannes Heurix (Austria)
	Software Certification : An Alternative for Continuous Improvement <i>Jamaiah Haji Yahaya</i> , Aziz Deraman, Abdul Razak Hamdan (Malaysia)
	A Review of New Framework for Low Cost ERP System using Open Source Software Zirawani Baharum, Mohd. Salihin Ngadiman, Habibollah Haron, Suziyanti Marjudi (Malaysia)
	Query Rewriting Based on Semantic Agreement in P2P Environment I Wayan S. Wicaksana, Lily Wulandari, Farah Virnawati, Tirta Paramitta, <i>Wisnu Sukma M.</i> (Indonesia)

MoMM – III B. Chair: Ruzana Ishak

Dec. 5, 2007 11:00 – 12:30	Congestion Aware Multi-path Dynamic Source Routing Protocol (CAWMP-DSR) for Mobile Ad-Hoc Network <i>Rashida Hashim</i> , Qassim Nasir, Saad Harous (UAE)
	An Indoor Location-Aware Mobile Navigation Service for the Handicapped and the Elderly Toshihiro Uchibayashi, Bernady O. Apduhan, Itsujiro Arita (Japan)
	SMS-SMTP Gateway for Mobile Messaging <i>Ihab AL Rasan</i> , Abdulmalik AL-Salman, AbdulRhman Al-Khnaifer (Saudi Arabia)

TwUC: Chair: Thomas Grill

Dec. 5,
2007

11:00 –
12:30

Safe Exchange of (Flight) Information (FISN)
Alexander Mikula, Christoph Rihacek (Austria)

Five Objectives to Diminish User Concerns About Privacy in Smart Environments
Christian Bünnig, Clemens H. Cap (Germany)

DIRT: A Trust Model for Pervasive Applications
Sailaja Bulusu, Sheikh I. Ahamed, *Mohammad Zulkernine* (USA)