iiWAS2002 PROGRAM

Tuesday, September 10th, 2002

07:30 08:30	**Registration**
08:30 09:15	**OpeningCeremony** Kusmayanto Kadiman, Ismail Khalil Ibrahim , Stéphane Bressan
09:15 10:00	**Keynote Address** Indonesian Minister of Transportation
10:00 10:30	**Coffee Break**
10:30 11:15	**Keynote Speech** **THE APPLICATION OF INTELLIGENT AGENTS TO A WEB BASED SCIENTIFIC PROJECT MANAGEMENT SOLUTION** Amin Andjomshoa*, Mohammad Hassan Shafazand*, Alexander Schatten**, A Min Tjoa** * Shahid Bahonar University of Kerman, Iran ** Institute of Software Technology and Interactive Systems Vienna University of Technology, Austria
11:15 12:00	**Industrial Presentation**
12:00 13:00	**Lunch**

13:00 14:30	**Tutorial** **MOBILE AGENTS IN INSECURE ENVIRONMENTS** Franz Gruber Software Competence Center Hagenberg, Austria	**Tutorial** **QUERY PROCESSING IN MULTIMEDIA DATABASES** M. V. Ramakrishna School of Computer Science and Software Engineering Monash University, Australia	**Tutorial** **INTERNET AND WEB SECURITY** S. R. Subramanya University of Missouri—Rolla, USA
14:30 15:00	**Coffee Break**		

15:00 17:00	**Session 1a** **XML, Metadata and Semantic Web** A document-based approach to indexing XML data Ya-Hui Chang, Tsan-Lung Hsieh China Publishing Theses and Dissertations: An Approach using XML Hélio L. dos Santos, Maria da Conceição M. Batista, Roberto S. M. Barros Brazil An XML-based Data Warehousing Tool Rifaieh Rami, Benharkat Aicha Nabila France Using DAML OIL to Enrich RDF Schema in the Information Integration Ahmad Ashari Indonesia	**Session 1b** **Searching and Organizing the Web** e-ISA: An Incremental Lower Bound Approach for Efficiently Finding Approximate Nearest Neighbor of Complex Vague Queries Dang Tran Khanh, Kung Josef, Wagner Roland Austria Image Indexing and Retrieval using Moment Invariants Imran Ahmad Canada Information Extraction by Means of a Generalized K-Testtable Tree Automata Inference Algorithm Raymond Kosala, Maurice Brunooghe, Hendrik Blockeel, Jan Van den Busshe Belgium Determining the Effect of Pattern Similarity on Storage Capacity of Hopfield Network S. K. Manandhar, R. Sadananda Thailand
19:00	**Conference Dinner**

Wednesday, September 11th, 2002

08:00 08:30	**Registration**
08:30 09:15	**TRUST AND REPUTATION FOR E-BUSINESS** Frank Dignum Utrecht University, The Netherlands
09:15 10:00	**SECURITY FOR INTERNET AND WEB BASED APPLICATIONS** Richard N. Zobel Department of Computer Science University of Manchester, U.K.
10:00 10:30	**Coffee Break**
10:30 11:15	**TOURIST MAPS: INTERACTIVE ACCESS TO WEB-BASED TOURISM INFORMATION** Franz Pühretmair, A. Min Tjoa, Roland Wagner, Wolfram Woss Institute of Knowledge Processing (FAW) University of Linz, Austria
11:15 12:00	**KNOWLEDGE NETWORKS FOR SUSTAINABLE DEVELOPMENT** Ramakoti Sadananda Asian Insitute of Technlogy Thailand
12:00 13:00	**Lunch**

13:00 14:30	**Tutorial** **MOBILE AGENTS FOR DATABASE APPLICATIONS** Ludwig Klug Software Competence Center Hagenberg, Austria	**Tutorial** **E-LEARNING: CHALLENGES AND OPPORTUNITIES FOR DATABASE RESEARCHERS** Maria Helena Lima Baptista Braz*, Rubens Nascimento Melo** & Sean Wolfgand Matsui Siqueira** *DECivil/ICIST/Technical University of Lisbon, Portugal **TecBd/Computer Science Dep. Catholic University of Rio de Janeiro, Brazil	**Tutorial** **E-COMMERCE AND DIGITAL CASH** S. R. Subramanya University of Missouri--Rolla USA
14:30 15:00	**Coffee Break**		

| 15:00 17:00 | **Session 2a** **Advanced Databases and Mediation** Data Integration and Inconsistencies Julius Stuller Czech Republic

Mining Association Rules from Large Databases using the Lattice-Based Approach and Hybrid Search Method Arif Djunaidy, Rully Soelaiman, Daning Tyaspamadya Indonesia

Association Relationship Transformation of XML Schemas to Object–Relational Databases Nathalia Devina Widjaya, David Taniar, J.Wenny Rahayu, Eric Pardede Australia

Database Design Language Incorporating Collection Types for Web Database Applications E. Pardede, W. Rahayu, D.Taniar Australia | **Session 2b** **Web applications Design and Implementation**

Warehousing Web Data Jérôme Darmont, Omar Boussaid, and Fadila Bentayeb France

Rice Price Design Based on On-Line System Maria Widyarini, Ali Sadiyoko Indonesia

The Client Design of Web-based Collaborative CAD System Yan Gu, Min Tang, Jinxiang Dong China

Modeling the Functionality of Web-Based Data Warehouses Indratmo, Sylvanus Ehikioya Indonesia, Canada |
| 19:00 | **Social Event** | |

Thursday, September 12th, 2002

08:30 09:15	**SIMILARITY SEARCH AND DATA MINING: DATABASE TECHNIQUES SUPPORTING NEXT DECADE'S APPLICATIONS** Christian Böhm University for Health Informatics and Technology Innsbruck, Austria
09:15 10:00	**SELF LEARNING METHODS TO FIND NOVEL INFORMATION ON THE WWW** Marco Wiering Inst of Information & Computing Sciences University Utrecht, Netherlands
10:00 10:30	**Coffee Break**
10:30 11:15	**TEACHING AND LEARNING DATABASE SYSTEMS** Stéphane Bressan School of Computing National University of Singapore, Singapore
11:15 12:00	**Industrial Presentation**
12:00 13:00	**Lunch**

	Session 3a	Session 3b
13:00 15:00	**Mobility and Agents Technologies** Negotiation requirements for the extended mobile Service Environment Markus Sihvonen, Petri Jurmu, Jouni Heikkinen Finland Effective Utilization of Mobile Wireless Technology to Support Learners in a Rural Environment: A Case Study in Kwa Zulu-Natal, South Africa Joseph Bhekizwe Dlodlo South Africa Generic Architecture of Agents in Combined Auctions Saroj Kaushik, Himanshu Tagra India UML as a Modelling Tool for Developing an Agent-based Auction System Arnold Aribowo, Maria Indrawan Indonesia, Australia	**Managing Diversity and Complexity of Web Applications: User's perspective** DSIC Collaboration with Intelligent Agents Ji Zhao, Gee Kin Yeo, Pei Yuen Wong Singapore OpenUSS as OpenSource Software for eLearning Support System Revi Kuswara, Blasius Lofi Dewanto Indonesia, Germany Business Intelligent System for Educational Environment Azizah Ahmad, Jamaiah Haji Yahaya, Amran Ahmad Malaysia Extending The OAI Protocol as the Data Integration Framework for the Digital Library Network in the Third World Ismail Fahmi, Ruri Muharto, Ismail Khalil Ibrahim Indonesia, Austria
15:00 15:30	**Coffee Break**

15:30 17:00	**Session 3c** **Web Services: Creating and Capturing Value**	**Session 3d** **E-Commerce and Multimedia**
	Author-Aided Semantic Indexing of The Web Plus Some Other Ideas for Improving the Efficiency of Web Searching David Pager USA	Web Multimedia Application for Children Paulo Pereira, João Valente, Arminda Guerra Portugal
	Intelligent Business Decisions by eFLOW Portal Zoltan Baracskai, Viktor Dorfler Hungary	Integrating a Consumer Buying Behaviour Model into the Development of Agent-based E-Commerce Systems Alvaro E. Arenas, Norma Casas, Diana Quintanilla Colombia
	Web Engineering: Rethinking Software Engineering for Intranets Edgar Weippl, Ismail Khalil Ibrahim, Wieland Schwinger, Werner Winiwarter Austria	Integration of Voice Services In Internet Applications Eduardo Carrillo, Jose Javier Samper, Juan José Martínez Durá Colombia, Spain
17:00	**Closing Ceremony**	