

10 - 12 September 2001, Linz, Austria



Third International Conference on Information Integration and Web-based Applications & Services

IIWAS2001 PRELIMINARY PROGRAM

Monday, September 10th, 2001

07:30 08:30	Registration	
08:30 09:30	Opening Werner Winiwarter, Stéphane Bressan, Klaus Pirklbauer	
09:30 10:30	Keynote Speech "Agents in E-commerce, Hype and Reality", Frank Dignum; Utrecht University, The Netherlands	
10:30 11:00	Coffee Break	
11:00 12:00	Tutorial "Towards Integrating XML and Relational Database Systems", Gerti Kappel and Elisabeth Kapsamer; Johannes Kepler University Linz, Austria	Tutorial "Logic Programming Languages for the Internet", Andrew Davison; Prince of Songkla University, Thailand
12:00 13:00	Lunch	
13:00 13:30	Invited Talk "Applications of ORA-SS: An Object-Relationship-Attribute Data Model for Semistructured Data", Tok Wang Ling; National University of Singapore, Singapore	
13:30 14:00	Invited Talk "Building a Web-based Open Source Tool to Enhance Project Management, Monitoring and Collaboration in Scientific Projects", A Min Tjoa; Technical University of Vienna, Austria	
14:00 14:30	Invited Talk "XML Benchmarks Put to the Test", Stéphane Bressan; National University of Singapore, Singapore	
14:30 15:00	Coffee Break	

<p>15:00 17:00</p>	<p>Session: XML, Metadata and Semantic Web I</p> <p>15:00-15:30 "Updating Relational Databases through XML Views", V. de Paula Braganholo, C. A. Heuser, C. R. M. Vittori; Brazil, Argentina</p> <p>15:30-16:00 "Accessing and Transforming Dynamic Content Based on XML: Alternative Techniques and a Practical Implementation", Y. Despotopoulos, G. Patikis, J. Soldatos, L. Polymenakos, J. Kleindienst, J. Gergic; Greece, Czech Republic</p> <p>16:00-16:30 "Improved Navigation through Extended XML Links", A. Lekova, O. De Troyer; Bulgaria, Belgium</p> <p>16:30-17:00 "An XML and Java Based Approach to Application Integration in Shipping", B. Karakostas, S. Christofi, M. Turega; UK</p>	<p>Session: Searching and Organizing the Web I</p> <p>15:00-15:30 "Modeling Ubiquitous Web Applications - A Comparison of Approaches", G. Kappel, B. Pröll, W. Retschitzegger, W. Schwinger, T. Hofer; Austria</p> <p>15:30-16:00 "N-Sums: A Framework for Web-based Search Engines", A. Rattana, A. Davison; Thailand</p> <p>16:00-16:30 "Automatically Combining Ranking Heuristics for HTML Documents", J. Rapela; USA</p> <p>16:30-17:00 "Query Expansion Using Constraint Spreading Activation in Information Retrieval System", Z. A. Hasibuan, I. Budi; Indonesia</p>	<p>Short Papers Session I</p> <p>15:00-15:20 "Benchmark Tests to Evaluate Multi-Agent Toolkits", L. M. Koch, E. Shakshuki, M. Kamel; Canada</p> <p>15:20-15:40 "Design and Architecture of a Digital Music Library on the Web", I. Papadakis, C. Douligeris; Greece</p> <p>15:40-16:00 "Migrating Web Applications to WAP", E. Carrillo, J. J. Samper, R. Cirilo, S. Felici; Colombia, Spain</p> <p>16:00-16:20 "3-tier Architecture for Stateful Web Applications", I. Aggelis, S. Hadjiefthymiades, D. Martakos; Greece</p> <p>16:20-16:40 "Communication Based Multiple Models in Distributed and Heterogeneous Systems", A. Zakari; France</p> <p>16:40-17:00 "Agent-Oriented Architecture for eMarketplace", H. H. Ghenniwa; Canada</p>
<p>17:00 17:30</p>	<p>Coffee Break</p>		
<p>17:30 18:30</p>	<p>Panel "Is Standardization of Web Semantics possible and desirable?"</p>		
<p>18:30 19:30</p>	<p>Welcome Reception</p>		

Tuesday, September 11th, 2001

08:00 09:00	Registration		
09:00 09:45	Invited Talk "Trusted Electronic Commerce Transactions", Günther Pernul; University of Essen, Germany		
09:45 10:30	Invited Talk "The Misguided Silver Bullet: What XML Will and Will NOT Do to Help Information Integration", Stuart Madnick; MIT Sloan School of Management, USA		
10:30 11:00	Coffee Break		
11:00 12:00	Tutorial "Intelligent Database Systems", Barbara Catania; Università degli Studi di Genova, Italy	Tutorial "Data Warehousing", Mukesh Mohania; Western Michigan University, USA	
12:00 13:00	Lunch		
13:00 14:30	<p>Session: XML, Metadata and Semantic Web II</p> <p>13:00-13:30 "Reengineering the Web Sites by Using Metadata and a Methodological Approach", I. Amous, C. Chrismont, F. Sedes; France</p> <p>13:30-14:00 "Towards an Architecture for Personalization and Adaptivity in the Semantic Web", V. R. Aragão, A. A. A. Fernandes, C. A. Goble; UK</p> <p>14:00-14:30 "RDF Based Mediator for Integrating Tourism Information Sources", A. Ashari, A. M. Tjoa, R. Wagner; Austria</p>	<p>Session: Searching and Organizing the Web II</p> <p>13:00-13:30 "Distributed Resource Discovery Using a Content-Sensitive Infrastructure", A. Fongen, F. Eliassen, I. Ferguson, S. Stobart, J. Tait; Norway</p> <p>13:30-14:00 "Towards a Topic Map Based Knowledge Management System for the Legal Domain", T. Luckeneder, K. Steiner, W. Wöß, R. Wagner; Austria</p> <p>14:00-14:30 "Case-based Reasoning and Legacy Data Reuse for Web-based Recommendation Architectures", F. Ricci, N. Mirzadeh, A. Venturini, H. Werthner; Italy</p>	<p>Session: Advanced Databases and Mediation</p> <p>13:00-13:30 "HYSSOP: Natural Language Generation Meets Knowledge Discovery in Databases", J. Robin, E. Favero; Brazil</p> <p>13:30-14:00 "A Functional Approach for Advanced Database Applications", K. Xu, B. Bhargava; USA</p> <p>14:00-14:30 "Providing Multilingual Natural Language Access to Tourism Information", H. Berger, M. Dittenbach, D. Merkl, W. Winiwarter; Austria</p>
14:30 15:00	Coffee Break		

<p>15:00 17:30</p>	<p>Session: Application Design and Implementation</p> <p>15:00-15:30 "A Functional Architecture to Support Commercial Exploitation of Internet-based Services", H. Jonkers, S. Hille, A. Tokmakoff, M. Wibbels; The Netherlands</p> <p>15:30-16:00 "WebWisdom - Database Support for Distance Learning Systems", K. Walczak, W. Wiza, M. Podgorny; Poland, USA</p> <p>16:00-16:30 "Ad-me: A Context-Sensitive Advertising System", N. Hristova, G. M. P. O'Hare; Ireland</p> <p>16:30-17:00: "Application of Domain Knowledge to Word Images Recognition", Hendrawan; Indonesia</p>	<p>SESSION Mobility, Security, and Access Control</p> <p>15:00-15:30 "The Butterfly Model for Internet Resource Access Control", A. Wolf; Germany</p> <p>15:30-16:00 "Universal SIM Toolkit-based Client For Mobile Authorization System", V. I. Khachtchanski, A. L. Kustov; Finland</p> <p>16:00-16:30 "A Comparison of Distributed Authorization Solutions", W. Essmayr, S. Probst, E. Weipl, Austria</p> <p>16:30-17:00 "A Specification Language for Mobile Application Development", L. E. Nugroho; Indonesia</p>	<p>Short Papers Session II</p> <p>15:00-15:20 "Information Retrieval for an Industrial Support Environment ", R. L. Eurico, N. G. Mourinho, N. Castela, A. G. Lopes; Portugal</p> <p>15:20-15:40 "Querying Multiple Data Sources Using Views", J. Wang, M. Maher, R. Topor; Australia, USA</p> <p>15:40-16:00 "Metadata Encoded in XML: Enabling Complex Query Formulation in Distributed Statistical Databases", Y. Bi, J. Lamb; UK</p> <p>16:00-16:20 "A Metamodel for Integrating Data to Database Marketing Systems", S. W. M. Siqueira, D. S. Silva, M. H. Braz, R. N. Melo; Brazil, Portugal</p> <p>16:20-16:40 "Search and Ranking of Relevant Information in XML Documents", S. Smadhi; France</p> <p>16:40-17:00 "A Framework of Security Authentication for Internet Banking", D. Hutchinson, M. Warren; Australia</p> <p>17:00-17:20 "On the Integration of Text Mining and Database Systems", E. Bezerra, M. L. Q. Mattoso, G. B. Xexéo; Brazil</p>
<p>18:30 23:00</p>	<p>Banquet</p>		

Wednesday, September 12th, 2001

09:00 10:00	Invited Talk "Implications of Convergence on Education", Ramakoti Sadananda; Asian Institute of Technology, Thailand		
10:00 10:30	Coffee Break		
10:30 13:00	<p>Session: Applications</p> <p>10:30-11:00 "Towards a Multi-Layer Model for Evolution of Shared Workflows in a Virtual Enterprise", R. Tagg, G. Quirchmayr; Australia</p> <p>11:00-11:30 "Web-based Product Data Management and Parts Catalog Publication System for Collaborative Product Development", N. C. Do, H. Kim, H.-S. Kim, J.-Y. Lee, J.-H. Lee; Korea</p> <p>11:30-12:00 "Foolproof Query Access to Search Engines", B. Bakker, J. ter Bekke; The Netherlands</p> <p>12:00-12:30 "A New Taxonomy of QBME Processing in CBIR Systems", W. Ten Brinke, P. K. Srivastava, M. V. Ramakrishna; Australia</p>	<p>Session: Geo and Spatial Data</p> <p>10:30-11:00: "Spatial Document Management System Using Spatial Data Fusion", T. Sagara, M. Arikawa, M. Sakauchi; Japan</p> <p>11:00-11:30 "Scale-Dependent Transmission of Spatial Vector Data on the Internet", C. Liang, C.-H. Lee, J.-D. Lee, H.-Y. Bae; Korea</p> <p>11:30-12:00 "Efficient Processing of k-Nearest Neighbor Queries in Spatial Databases with the SH-tree", T. K. Dang, J. Küng, R. Wagner; Austria</p> <p>12:00-12:30 "Web-based VR Walk through Cities - VRGraz.com an Overview", A. K. Nischelwitzer; Austria</p>	<p>Short Papers Session III</p> <p>10:30-10:50 "A Web-based Network for Human Resources Management Information System in Training and Education", T. Lestari; Indonesia</p> <p>10:50-11:10 "eLearning for Islamic Studies and Research", R. Kuswara; Indonesia</p> <p>11:10-11:30: "Development of CORBA-Based Distributed Business Logic Components in Oracle JServer Environment: An Implementation Case Study of a Virtual Store Application", A. Djunaedi, R. Soelaiman, Y. P. Handoyo; Indonesia</p> <p>11:30-11:50 "Development of Low-cost Web-based Applications", A. Kadir; Indonesia</p> <p>11:50-12:10 "APSIKD for Electrical Power Distribution Management", Tumiran, I M. Sukarsa; Indonesia</p> <p>12:10-12:30: "Mirroring Unified Metadata as the Solution for the Digital Library Network at Developing Countries – Case Study: The Indonesian Digital Library Network", I. Fahmi; Indonesia</p> <p>12:30-12:50 "Predicting the Indonesian Exchange Rate from Textual Web Data", W. Agung, K. Anindito, S. Purnomo; Indonesia</p>
13:00 13:30	Closing Ceremony		