

# IADIS International Conference WWW/Internet 2006

## PRELIMINARY PROGRAM

### Thursday 5, October 2006

**08:30-19:30 Welcome Desk**

**09:30 Session O – Opening Session**  
(Room: Sala de Actos)

**OPENING SESSION**

*Prof. Pedro Isaias, Miguel Baptista Nunes, and Inmaculada J. Martinez*

**10:00-11:00 Session K1 – Keynote Presentation**  
(Room: Sala de Actos)

**MANAGING DIVERSITY IN KNOWLEDGE**

*Prof. Fausto Giunchiglia, Head of the Department of Information and Communication Technology University of Trento, Italy*

**11:00-11:30 Coffee Break**

**11:30-13:00 Session FP 5.1 - e-Learning**  
(Room: Sala de Actos)

**A COMPARATIVE ANALYSIS OF ONLINE AND TRADITIONAL UNDERGRADUATE BUSINESS LAW CLASSES (F119)**

*Daniel J. Shelley, Louis B. Swartz and Michele T. Cole*

**DESIGN AND EVALUATION OF A METHODOLOGY DRIVEN META-COURSE FOR THE PRODUCTION OF E-LEARNING COURSES (F241)**

*Pedro J. Muñoz Merino, M<sup>a</sup> Carmen Fernández Panadero, Mario Muñoz Organero and Carlos Delgado Kloos*

**INDIVIDUAL AND GROUP REAL-TIME PIANO INSTRUCTION OVER THE INTERNET (F129)**

*James Diamond*

**11:30-12:50 Session FSP 5.2 – Quality, Evaluation and Assessment**  
(Room: Sala de Usus Múltiples)

**SEARCHING FOR QUALITY IN DESIGN PRACTICES (F301)**

*Hilda Telliglu*

**ASSESSING SAFETY CRITICAL SOFTWARE DEVELOPMENT: A WEB-BASED APPROACH (F290)**

*Nikola B. Serbedzija*

**USING WQM FOR CLASSIFYING USABILITY METRICS (S284)**

*V.M.R. Penichet, C. Calero, M.D. Lozano and M. Piattini*

**11:30-12:50 Session FSP 5.3 – Web Personalization // Personalized Web Sites and Services**  
(Room: Aula Didáctica)

**DYNAMIC LINK SUGGESTION BY A NEURO-FUZZY WEB RECOMMENDATION SYSTEM (F177)**

*G. Castellano, A. M. Fanelli and M. A. Torsello*

**INVESTIGATING THE APPROPRIATENESS OF PERSONALISED INFORMATION FOR PEOPLE WITH MULTIPLE SCLEROSIS (S023)**

*Fadi Qutaishat, Steve Proberts and Mark Hepworth*

**USING COCOON TO BUILD GLOBALIZED WEBPAGES (F022)**

*Tomasz Müldner, Zhinan Shen and Li Bo Ya*

*Dimitris Kalogeras, Nicolas Sklavos and Vassilis Triantafyllou*

**13:00-14:30 Lunch Break**

**14:30-16:40 Session FSP 5.4 – Teaching and Learning Strategies // E-Learning**  
(Room: Sala de Actos)

**STUDYING METACOGNITIVE SKILLS, COGNITIVE STYLES AND INFORMATION SEEKING STRATEGIES IN A WEB BASED COURSE (F199)**

*Serpil Yalcinalp and Petek Askar*

**PERSONALITY, INTERNET EXPERIENCE, AND E-COMMUNICATION PREFERENCE (F219)**

*Genevieve Marie Johnson and Julia Ann Johnson*

**THE USE OF BIOMETRICS ON ONLINE ASSESSMENTS TO SOLVE THE PROBLEM: WHO IS THERE? (F309)**

*José-Alberto Hernández, Gennadiy N. Burlak, A. Zamudio-Lara and Alberto Ochoa Ortiz*

**THE TEACHER'S ROLE AND PERSPECTIVES TOWARD INFORMATION TECHNOLOGY INTEGRATED CURRICULUM FOR YOUNG CHILDREN: THE CASE IN TAIWAN (S095)**

*Poh-Hwa Liang and Jin-Yi Wang*

**SOCIAL COMPUTING AND USER LITERACY DEMOGRAPHICS: PREDICTORS FOR ENTERPRISE ARCHITECTURE PLANNING? (S190)**

*Deborah G. Coleman and Carla Lorek*

**14:30-16:30 Session FP 5.5 – XML // Extensible Languages**  
(Room: Sala de Usus Múltiples)

**A NEW XSL GROUPING METHOD (F077)**

*Isidro Vila Verde*

**QUERY REWRITING FOR OPEN XML DATA INTEGRATION SYSTEMS (F178)**

*Francois Boisson, Michel Scholl, Imen Sebei and Dan Vodislav*

**PROPOSAL AND EVALUATION OF A TECHNIQUE OF DISCOVERING XML STRUCTURES FOR EFFICIENT RETRIEVAL (F181)**

*Hiroshi Ishikawa, Hajime Takekawa and Kaoru Katayama*

**LOW BANDWIDTH VIDEO CONVERSATION USING ANATOMICAL RECONSTRUCTION OF FACIAL EXPRESSIONS OVER THE INTERNET (F223)**

*Arvind K. Bansal and Y. Hijazi*

**14:30-16:10 Session FSP 5.6 – e-Government**  
(Room: Aula Didáctica)

**CUSTOMER COMMUNICATION MANAGEMENT: THE CASE STUDY OF THE ITALIAN EMPLOYMENT INFORMATION SYSTEM (F064)**

*Mirko Cesarini, Paolo Mariani, Mario Mezzananza, Mariagrazia Fugini and Krysnaia Nanini*

**DEVELOPING A FRAMEWORK TO EVALUATE ECITIZENSHIP (F300)**

*José Esteves, Victor Bohorquez and Marie Jose Garot*

**THE LAVA PROJECT: A SERVICE BASED APPROACH TO SUPPORTING EXPLORATORY LEARNING (S217)**

*Kristoffer Getchell, Alan Miller, Colin Allison, Clare Kerbey, Ruth Hardy, Rebecca Sweetman, Victoria Crook and Jeremy Complin*

**E-DEMOCRACY : THE EFFECT OF INTERNET IN TOMORROW'S CITIZENS (304)**

16:30 - 17:00 Coffee Break

17:00-19:30 Session FSP 5.7 –  
Interfaces // Human Computer Interaction  
(Room: Sala de Actos)

**HISTREE - A HIERARCHICAL BACK MENU (S066)**

*Daniel Orner and I. Scott MacKenzie*

**CANTRA: MYTHOLOGICAL UTOPIA AND  
METAPHORICAL REALITY FOR VISUALIZING AND  
ACCESSING INFORMATION IN 3D INTERACTIVE  
WORLDS (S126)**

*Enrica Lovaglio*

**CROSS-CULTURAL SYSTEM DESIGN STRATEGY:  
AVOIDING PROBLEMS IN USABILITY EVALUATION  
(S040)**

*Jainaba Jagne, Elke Duncker-Gassen, Serengul Smith-Atakan and  
Paul Curzon*

**HCI SUPERDESIGNER: DESCRIBING, PREDICTING,  
FOSTERING AND CONTROLLING EMERGENCE (S117)**

*Christian Briggs*

**FUTURE MOBILE PHONE USER INTERFACES: A SURVEY  
(S269)**

*Timo Kivikangas and Arto Kaarna*

**AN INTERACTIVE DATA PROCESSING ENVIRONMENT  
WITH DATA AND OPERATION HISTORY (S314)**

*Ken Nakayama, Motohiro Shibata, Satoshi Yazawa, Yoshitake  
Kobayashi, Mamoru Maekawa and Toshio Okamoto*

**A COMPARISON OF HIERARCHICAL AND LINEAR  
BROWSER BACK MENUS (F291)**

*Daniel Orner and I. Scott MacKenzie*

17:00-19:10 Session FSP 5.8 – Semantic Web  
(Room: Sala de Usos Múltiples)

**SEMVERSION: AN RDF-BASED ONTOLOGY VERSIONING  
SYSTEM (F056)**

*Max Völkel and Tudor Groza*

**SEMANTIC FILTERING OF INTERNET NEWS FEEDS  
(F285)**

*Lars Bröcker and Stefan Paal*

**ONTOSEARCH2: SEARCHING AND QUERYING WEB  
ONTOLOGIES (F302)**

*Jeff Z. Pan, Edward Thomas and Derek Sleeman*

**TOWARDS THE SEMANTIC WEB: EXTRACTING OWL  
ONTOLOGIES FROM SQL RELATIONAL SCHEMATA  
(S216)**

*Irina Astrova and Ahto Kalja*

**WWW → WWWW: MIGRATION TO THE WISDOM WEB  
(S234)**

*Julia A. Johnson and Grant G. O. Duncan*

17:00-19:20 Session FSP 5.9 –  
Adaptive Web Systems // Web Software  
(Room: Aula Didáctica)

**A FRAMEWORK FOR CONTEXT MODELING IN  
ADAPTIVE WEB APPLICATIONS (F038)**

*Michael Hinz, Stefan Pietschmann and Zoltán Fiala*

**QOS-BASED COMPOSITION OF WEB SERVICES (F185)**

*Dirk Thißen and Pimjai Wesnarat*

**A FULLY WEB ORIENTED EXPERT SYSTEM TOOL (S209)**

*José L. López-Cuadrado, Israel González-Carrasco, Ángel García-  
Crespo and Belén Ruiz-Mezcua*

**PERSISTENT STORAGE AND QUERYING OF  
COMPRESSED XML DOCUMENTS ON THE WEB (F239)**

*Brian Demmings, Tomasz Müldner, Gregory Leighton, Obidul Islam  
and Andrew Young*

**WEB WRAPPER SPECIFICATION USING COMPOUND  
FILTER LEARNING (F296)**

*Julien Carme, Michal Ceresna and Max Goebel*

**Friday 6, October 2006**

08:30-16:30 Welcome Desk

09:00-11:10 Session FSP 6.1 – e-Learning  
(Room: Sala de Usos Múltiples)

**SCALABILITY ANALYSIS ON ADHOC NETWORK QOS:  
VIDEO STREAMING IN PERVASIVE LEARNING  
ENVIRONMENT (F098)**

*Kalamullah Ramli*

**A PERSONALISED MOBILE ENVIRONMENT FOR  
LIFELONG LEARNERS (F228)**

*Dionisios N. Dimakopoulos and George D. Magoulas*

**EMBEDDING COMMUNICATION FEATURES WITHIN AN  
EXISTING AUTHORING TOOL (F149)**

*Margarida Maria da Silva Rodrigues Fachada, José Augusto  
Domingues Fernandes Lima and João José da Cunha e Silva Pinto  
Ferreira*

**THE E-FOTO PROJECT: CONCEPTION AND  
DEVELOPMENT OF AN ENVIRONMENT FOR  
E-LEARNING IN DIGITAL PHOTOGRAMMETRY (S075)**

*Jorge L. N. e S. Brito, Luiz C. T. Coelho Filho, Francisco J. C. da  
Silveira, Guilherme L. A. Mota, Orlando Bernardo Filho, João A.  
Ribeiro, Marcelo T. Silveira and Rodrigo J. M. da Fonseca*

**INTERNET AND FACULTY TRAINING PROGRAMS (S247)**

*Hosein Moieni*

09:00-11:20 Session FSP 6.2 - Accessibility  
(Room: Aula Didáctica)

**CREATING A USER-SPECIFIC ENVIRONMENT: THE  
AUTHOR IMPLICATIONS (F017)**

*Jatinder Dhiensa, Colin H C Machin and Roger G Stone*

**THE ANALYSIS OF THE ALGORITHM W3C FOR THE  
ACCESSIBILITY OF THE CONTRAST AMONG COLOURS  
(F060)**

*Michele Scalera, Antonio Diego Albanese, Vito Nicola Convertini,  
Agostino Marengo and Vittorio Marengo*

**A PROTOTYPE TO EXAMINE ACCESSIBILITY LEVEL OF  
SEMANTIC WEB SERVICES (F116)**

*M. M. Rana, T. Reynolds, M. Cirstea, A. Entecott and S. Gregory-  
Jones*

**PERSONALIZATION OF INFORMATION BROWSING  
USER INTERFACE: EVALUATION OF THE USER  
POLICIES CONCEPTS (S299)**

*Encelle Benoit and Baptiste-Jessel Nadine*

**ADAPTING AN ONLINE WEBSITE TO A PALM OS WITH  
YOUNG ELDERLY PEOPLE (S183)**

*Sergio Sayago and Josep Blat*

09:00-10:50 Session FSP 6.3 –  
e-Business and e-Commerce  
(Room: Sala de Prensa)

**ORGANIZATIONAL TOOLS IN THE WEB: ERP OPEN  
SOURCE (F187)**

*Carlos J. Costa and Manuela Aparicio*

**THE IMPACT OF CUSTOMER LOYALTY ON  
COMPLAINING BEHAVIOUR (S118)**

*Alexandra Zaugg and Natalie Jäggi*

**STANDARDIZING THE ACCESS TO E-BUSINESSES (S142)**

*Enric Jaen Villoldo and Joan Serrat-Fernandez*

**THE ROLE OF INTERNET IN THE COMMUNICATION  
STRATEGY OF COCA-COLA (S210)**

*Mariola Palazón and Maria Sicilia*

**E-MARKET PROJECT; THE E-MARKETPLACE OF THE  
MARCHES REGION (S080)**

*Corradini Flavio, Gagliardi Roberto, Polzonetti Alberto, Santarelli  
Dario and Trojani Massimo*

**09:00-11:30 Session FSP 6.4 - Virtual Communities // Collaboration (Room : Sala de Reuniones I)**

**CONTENT MANAGEMENT AND COLLABORATION FOR BIOMEDICAL SCIENCES: THE HEALTHAGENTS CASE (F124)**

*Carla Delgado and Horacio González-Vélez*

**FRIENDS NETWORK (S025)**

*Maytham Safar and Haya Bin Ghaith*

**ELEMENTS FOR DESIGNING A WEB ENVIRONMENT TO PROMOTING COLLABORATIVE LEARNING OF AUTOMATA THEORY (S043)**

*G M. da Nóbrega, A. S. M. Fernandes, E. Ferneda and E. S. Guimarães*

**ANALYZING THE ROLE OF A CORPORATE BLOGOSPHERE IN A SOFTWARE VALUE CHAIN (F140)**

*Antonio P. Volpentesta, Salvatore Ammirato and Nicola Frega*

**COMMUNICATION-BASED SOCIAL NETWORKS (F268)**

*Kumar Srivastava*

**HYBRID CONTEXT DESIGN – INTEGRATING SEMANTIC WEB IN KNOWLEDGE MANAGEMENT SYSTEMS ON THE BASIS OF OPEN SOURCE COMPONENTS (S070)**

*Jan vom Brocke and Jan Hermans*

**11:00-11:30 Coffee Break**

**11:30-12:30 Session FP 6.5 – Security Issues (Roo:Sala de Usus Múltiples)**

**E-PRECAUTION ADOPTION: WHAT DO THE CUSTOMERS THINK? (F146)**

*Pei-ju Lucy Ting, Peter J. McGoldrick and Kathy A. Keeling*

**AN EFFICIENT NONCE-BASED REMOTE AUTHENTICATION SCHEME USING SMART CARDS WITH KEY AGREEMENT (F277)**

*Eric Zhi Feng Liu and Jia Lun Tsai*

**11:30-12:30 Session FSP 6.6 – WWW/Internet Applications (Room: Aula Didáctica)**

**A WEB-BASED INFORMATION SYSTEM FOR A UNIVERSITY DEPARTMENT (S090)**

*Raquel Martínez, José Alberto Jaén, Alberto Acebrón, Francisco de Asís Montañés, Ángel García and Santiago Tapia*

**A MOBILE DEVICE-BASED SURVEILLANCE SYSTEM AND ITS PRACTICAL APPLICATIONS (S102)**

*Yoshiro Imai, Yuichi Sugiue, Yukio Hori, Daisuke Yamane and Shin'ichi Masuda*

**A SYSTEM DEVELOPMENT FOR RESIDENT PARTICIPATING GIS- BASED TSUNAMI DISASTER CONTROL (S254)**

*Takashi Muramoto, Ken Nakayama, Yoshitake Kobayashi and Mamoru Maekawa*

**13:00-14:30 Lunch Break**

**14:30-16:10 Session SP 6.7 – Performance Issues**

**(Room: Sala de Usus Múltiples)**

**BURSTINESS DETECTION LOCATION IN CLUSTER-BASED NETWORK SERVERS BASED ON THE APRA ALGORITHM: A CASE STUDY (S036)**

*Katja Gilly, Javier Huertas Amores, Carlos Juiz and Ramon Puigjaner*

**OVERLOADING PREVENTION BASED ON ADAPTIVE REQUEST PROCESSING (S132)**

*Miroslav Kripac*

**OPTIMIZING THE EXECUTION STRUCTURE OF COMPOSED WEB SERVICES (S136)**

*Leo Rela and Juha Puustjärvi*

**A MEMORY OBJECT LIFECYCLE MANAGEMENT TOOL FOR C++ APPLICATIONS (S084)**

*Hamid Mcheick, Hafedh Mili, Aymen Sioud, Hamdan Msheik and Marc Gravel*

**DESIGNING A RESOURCE DISCOVERY METHOD BASED ON MULTI-AGENTS IN P2P SYSTEMS (S188)**

*Yoshikuni Harada and Yasushi Kambayashi*

**14:30-16:20 Session FSP 6.8 – Data Mining (Room: Aula Didáctica)**

**AN ASSOCIATION-BASED WEIGHTING APPROACH FOR PRUNING OF DNA-KEY SEQUENCES (F081)**

*Ray R. Hashemi, Mahmood Bahar, Joshua H. Early, D. Curtis Jamison and Alexander A. Tyler*

**CLUSTERING WEB PAGES SEQUENCES WITH ARTIFICIAL ANTS (F134)**

*Nicolas Labroche*

**A NEW MODEL FOR ALARM CORRELATION IN 3G TELECOMMUNICATION NETWORKS (F214)**

*Jacques-H. Bellec, M-Tahar Kechadi and Joe Carthy*

**DISCOVERY OF IMPORTANT THREADS USING THREAD ANALYSIS REPORTS (S027)**

*Shigeaki Sakurai and Ryohei Orihara*

**14:30-15:50 Session FSP 6.9 – Web Engineering (Room: Sala de Reuniones I)**

**MODEL BASED DEPLOYMENT OF WEB SERVICES TO STANDARDS-COMPLIANT RELIABLE MIDDLEWARE (F243)**

*László Gönczy, János Ávéd and Dániel Varró*

**A TOOL SUPPORTING WEB-BASED APPLICATIONS TESTING: A CONTROL FLOW MODEL BASED APPROACH (S135)**

*Adnane Ghannem and Linda Badri*

**COMPUTER GAMES DEVELOPMENT PROCESS – PRODUCING AN EDUCATION GAMES FOR THE WEB (F276)**

*Carlos J. Costa and Manuela Aparicio*

**16:30 Departure to the Tour and Conference Dinner**

## Saturday 7, October 2006

08:30-19:00 Welcome Desk

09:00-10:00 Session K2 – Keynote Presentation  
(Room: Sala de Actos)

**WEB SERVICES AND AGENTS: A MARRIAGE THAT TRANSFORMS E-BUSINESS?**

*Prof. Katia P. Sycara, School of Computer Science, Carnegie Mellon University, USA*

10:10-10:50 Session SP 7.1 - Ubiquitous Computing  
(Room: Aula Didáctica)

**A TOPIC MAPS-BASED ARCHITECTURE FOR MOBILE KNOWLEDGE MANAGEMENT (S236)**

*Ando Ratsimanohatra, Nicolas Prat and Martin Schader*  
**SITUATED VIEWS ON AUGMENTED MEMORIES (S297)**  
*Alexander Kröner and Nathalie Basselin*

10:10-11:00 Session FSP 7.2 - Multimedia  
(Room: Sala de Reuniones I)

**A NOTE ON CONTENT-BASED COLLABORATIVE FILTERING OF MUSIC (F115)**

*Stuart Cunningham, Vic Grout and Harry Bergen*  
**EXTENDING THE P2P AUDIO NETWORK**  
**STREAMON THEFLY FOR VIDEO USAGE AND**  
**VODCASTING (S201)**

*Markus Seidl, Martin Schmidt and Matthias Husinsky*

10:10-11:00 Poster Session  
(Room: Sala de Exposiciones)

**INTACT TRANSPOSITION OF A MULTI-COLUMNAR DATA BASE SORT (P029)**

*R.F. Gonzales and D.B.L. Miles*

**HOW SEMANTICS CAN IMPROVE E-LEARNING TOOLS (P053)**

*Abraham Rodriguez-Rodriguez, Laura Cruz-García, Concepción Hernández-Guerra and Francisca Quintana-Domínguez*

**U-LEARNING FRAMEWORK FOR U-CLASSROOM (P170)**

*Byung-jin Oh, Nam-kyoung Um, Sang-ho Lee and Sung-hee Woo*

**A WEB APPLICATION MODEL FOR SOFTWARE RELIABILITY (P186)**

*Tuulikki Gyllensvärd*

**SECONDARY SCHOOL STUDENTS' USE OF THE INTERNET: A GLANCE AT PISA 2003 RESULTS (P222)**

*Serpil Yalcinalp*

**COLLABORATION (P305)**

*Caoimhin O'Nuallain and Slawomir Grzonkowski*

**SEARCH INTERFACE BASED ON NATURAL LANGUAGE QUERY TEMPLATES (P312)**

*Sebastian Ryszard Kruk, Krystian Samp, Caoimhin O'Nuallain, Brian Davis, Bill McDaniel and Slawomir Grzonkowski*

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 7.3 – Social & Legal Issues // Global Tendencies in WWW/Internet  
(Room: Sala de Actos)

**INTERNET ACTIVISM: TOWARDS A FRAMEWORK FOR EMERGENT DEMOCRACY (F292)**

*Fiona McPhillips*

**OLD MAN PARAGRAPH VS THE INTERNET KID: CHALLENGES TO INTELLECTUAL PROPERTY IN A NETWORKED SOCIETY (F052)**

*Kaido Kikkas*

**regulation FOR INTERCONNECTION BETWEEN NETWORK OPERATORS IN A LIBERALISED MARKET (S258)**

*S. Verbrugge, B. Lannoo, J. Van Ooteghem, T. Pingnet, D. Colle, M. Pickavet and P. Demeester*

11:30-12:50 Session FSP 7.4 – Quality, Evaluation and Assessment  
(Room: Aula Didáctica)

**ASSESSMENT OF ROBUSTNESS FOR A WEB-BASED SYSTEM (F175)**

*Tor Stålhane and Hue T. Pham*

**A FUZZY EVALUATION PROCESS FOR GENERAL PURPOSE WEB SITES (F018)**

*L. Martínez, L.G. Pérez and J.Liu*

**WEBSITE EVALUATION: DISCUSSION FOR A MODEL PROPOSAL (S278)**

*Manuela Aparício, Pedro Faria Lopes and Maria Joaquina Barrulas*

11:30-12:50 Session SP 7.5 - e-Learning  
(Room: Sala de Reuniones I)

**CONSTRUCTION OF INTEGRATING OF CONCEPT CARTOONS INTO TWO-TIER ON-LINE TESTING SYSTEM (S044)**

*Tzu-Hua Huang, Yuan-Chen Liu, Tien-Ying Lin and Vaci Istanda*

**MARKING STUDENT WORK ON THE WEB (S074)**

*Hu, Bo; Koster, Kai and Hu, Bin*

**EXPLORING INTERACTIONS IN TEXT CHAT ROOMS (S164)**

*Mei-Ya Liang*

**THE ASSESSMENT ON COOPERATIVE-LEARNING ONLINE GAMES AND ON THE TEACHING OF MATHEMATICS (S046)**

*Yuan-Chen Liu, Tzu-Hua Huang, Horng-Huei Wu and Vaci Istanda*

13:00-14:30 Lunch Break

14:30 - 15:30 Session FP 7.6 - Security Issues  
(Room: Sala de Actos)

**INFORMATION SYSTEMS SECURITY DESIGN: A CASE STUDY BASED APPROACH (F289)**

*Paolo Spagnoletti and Alessandro D'Atri*

**EXTENDED HITCOUNTING TO ESTIMATE CARDINALTY (F273)**

*Frédéric Giroire*

14:30-16:00 Session FSP 7.7 – WWW/Internet Applications  
(Room: Aula Didáctica)

**THE WEB SERVICES GROWING IMPORTANCE FOR DRM INTEROPERABILITY (F020)**

*Carlos Serrão, Pedro Fonseca, Miguel Dias and Jaime Delgado*

**WEB-BASED MUSIC NOTATION EDITING (S303)**

*Stuart Cunningham, Nicole Gebert, Rich Picking and Vic Grout*

**AN INTEGRATED FRAMEWORK FOR DOCUMENT**

**MANAGEMENT: THE ROLE OF SEMANTIC AND**

**ADMINISTRATIVE COOPERATION (S145)**

*Flavio Corradini, Alberto Polzonetti, Barbara Re, Lucio Forestieri and Andrea Sergiacomi*

**SERVICE ORIENTED METHOD TO MODEL WEB INFORMATION SYSTEMS: A CASE STUDY (S103)**

*Guillermo López, Valeria de Castro and Esperanza Marcos*

15:45 TUTORIAL  
(Room: Sala de Prensa)

**FINDING SCHOLARLY INFORMATION THROUGH THE INTERNET AND THE WWW: STATE OF THE ART AND HOPES FOR THE FUTURE**

*Paul Nieuwenhuysen, Vrije Universiteit Brussel, Belgium*

## Sunday 8, October 2006

08:30-14:00 Welcome Desk

09:00-10:50 Session FSP 8.1 –  
e-Business and e-Commerce  
(Room: Sala de Actos)

**BARRIERS TO THE IMPLEMENTATION OF VIRTUAL NETWORKS IN SMES: THE CASE OF TOURISM NETWORKS (F024)**

*Ndou Valentina, Elia Gianluca and Petti Claudio*

**INTERNATIONAL REALITY OF INTERNET USE AS MARKETING TOOL (F033)**

*Teresa Borges Tiago, João Pedro Couto, Maria Manuela Natário and Ascensão Braga*

**LOOK WITH THINE EARS USER EXAMINING THE ROLE OF SOUND FOR ONLINE SHOPPING (F061)**

*Salvatore G. Fiore and Shaun Kelly*

**SUBPROCESS DEFINITION RETRIEVAL THROUGH COLLABORATIVE TAGGING (S242)**

*Jochen Reich*

09:00-11:10 Session FSP 8.2 –  
Performance Issues // Internet Services  
(Room: Sala de Usus Multiples)

**RULE DEPENDENCIES IN ACCESS CONTROL LISTS (F114)**

*Vic Grout, John McGinn, John Davies, Rich Picking and Stuart Cunningham*

**TOWARDS EFFICIENT SEARCH IN P2P NETWORKS WITH 8-POINT HYPERCIRCLES (F155)**

*Feiyu Lin and Kurt Sandkuhl*

**MINING AN ANOMALY: ON THE SMALL TIME SCALE BEHAVIOR OF THE TRAFFIC ANOMALY (F307)**

*JungHyun Kim, Soohan Ahn and Youjip Won*

**WHOIS, JOINT WHOIS AND CRISP (S067)**

*Milena Constantino Caïres*

**AUTOMATIC LOCATION-BASED MAP DISTRIBUTION SERVICE FOR MOBILE COORDINATED POSITIONING SYSTEM (S220)**

*Daniel F. Santos, Ricardo Matos, José E. Sanguino and António Rodrigues*

09:00-10:30 Session FSP 8.3 - Web Engineering  
(Room: Aula Didáctica)

**A MODEL-DRIVEN HYPERMEDIA DEVELOPMENT METHOD (F034)**

*Carlos Solís, José H. Canós, María C. Penadés and Manuel Llavador*

**DESIGNING OBJECT ORIENTED SYSTEMS USING STEREOTYPES AND PATTERNS (S076)**

*Vinicius Miana Bezerra and Kechi Hiram*

**BUILDING COLLABORATIVE KNOWLEDGE-BASED SYSTEMS: A WEB ENGINEERING APPROACH (S123)**

*George Gkotsis, Christina E. Evangelou, Nikos Karacapilidis and Manolis Tzagarakis*

**SARIPOD: A SYSTEM BASED ON HIERARCHICAL SMALL WORLDS AND POSSIBILISTIC NETWORKS FOR INTERNET INFORMATION RETRIEVAL (S179)**

*Bilel Elayeb, Montaceur Zaghoud, Mohamed Ben Ahmed and Fabrice Evrard*

11:30-12:50 Session FSP 8.4 - Intelligent Agents  
(Room: Sala de Actos)

**AN AGENT-BASED APPROACH FOR AUTOMATING REPLAY AND FAILURE DETECTION OF WEB APPLICATIONS (F293)**

*Mohammad Morovvati, Naser Nematbakhsh, Fazlollah Adibnia and Alireza Noroozi*

**IMPLEMENTING MODERATELY OPEN AGENT-BASED SYSTEMS (F306)**

*Alejandro Garcés, Ricardo Quirós, Miguel Chover and Emilio Camahort*

**TOWARDS A MULTIAGENT ARCHITECTURE TO PROCESS KNOWLEDGE (S113)**

*Juan Pablo Soto, Aurora Vizcaino and Mario Piattini*

11:30-12:50 Session FSP 8.5 –  
WWW/Internet Case Studies // Information Visualization  
(Room: Sala de Usus Multiples)

**MAP AS INTERFACE FOR SHARED INFORMATION: A STUDY OF DESIGN PRINCIPLES AND USER INTERACTION SATISFACTION (F125)**

*Imad Abugessaisa, Åke Sivertun and Michaël Le Duc*

**ANALYSIS OF OVERLAY-UNDERLAY TOPOLOGY CORRELATION USING VISUALIZATION (F180)**

*Vinay Aggarwal, Anja Feldmann, Marco Gaertler, Robert Görke and Dorothea Wagner*

**FRACTAL DIMENSION OF TEXT DOCUMENTS: APPLICATION IN FRACTAL SUMMARIZATION (S287)**

*M. Dolores Ruiz and Antonio B. Bailón*

**COMPREHENSIVE XML FOR CONTACT CENTER (S233)**

*Nikolay Anisimov, Brian Galvin and Herbert Ristock*

11:30-13:10 Session FSP 8.6 –  
System Integration // Technology Management  
(Room: Aula Didáctica)

**AN ADDED VALUE SYSTEM DRIVEN MODEL IN THE INTERNET ECONOMY (F224)**

*Antonio Folgueras Marcos, Belén Ruiz Mezcua and Ángel García Crespo*

**ENSURING WEB SERVICE DATA INTEROPERABILITY (S068)**

*Enric Jaen Villoldo and Joan Serrat-Fernandez*

**LICENSING SYSTEM IN AN ONLINE MPEG-21 ENVIRONMENT (S266)**

*Chris Poppe, Ingo Wolf, Sven Wischnowsky, Saar De Zutter and Rik Van de Walle*

**SECURITY THREAT SOURCES AND SUPPLIERS: A MANAGEMENT THREAT PROCESS MODEL (S028)**

*B. Dawn Medlin and Adriana Romaniello*

**Social Enterprise Architecture: KNOWLEDGE MEETS ORGANIZATION (S087)**

*Flavio Corradini, Alberto Polzonetti, Romeo Pruno and Roberto D'Angelo*

**KNOWLEDGE EVOLUTION ON THE BASIS OF REFERENCE MODELS – TOWARDS A THEORETICAL FOUNDATION (S063)**

*Jan vom Brocke and Christian Buddendick*

13:15 Best Paper Awards Ceremony and Closing Session  
(Room: Sala de Actos)

*Professor Prof. Pedro Isaías and Inmaculada J. Martínez*

11:00-11:30 Coffee Break