

# IADIS International Conference WWW/Internet 2005

## CONFERENCE PROGRAM

### Wednesday 19, October 2005

**08:30-18:30 Welcome Desk**

**09:00-9:30 Session O – Opening Session**  
(Room: Auditorium )

**OPENING SESSION**

*Prof. Pedro Isaías and Prof. Miguel Baptista Nunes*

**09:30-10:30 Session K1 – Keynote Presentation**  
(Room: Auditorium)

**THE DECLINE AND FALL OF THE SEARCH ENGINE EMPIRE**

*Prof. Mike Jackson, University of Central England, Birmingham, UK*

**10:30-11:00 Coffee Break**

**11:00-12:50 Session FSP 19.1 - e-Learning**  
(Room: Auditorium)

**SUPPORTING THE DEVELOPMENT OF PEDAGOGICALLY SOUND LEARNING ENVIRONMENTS USING LEARNING DESIGNS AND LEARNING OBJECTS (F044)**

*Shirley Agostinho, Sue Bennett, Lori Lockyer, Barry Harper and Jason Lukasiak*

**PRODUCING EDUCATIONAL RESOURCES IN THE “LIBRE WAY”: THE EDUKALIBRE PROJECT (F061)**

*Jesús M. González Barahona, Diego Chaparro, Vania Dimitrova, Chris Tebb and Ricardo Mazza*

**A WEB-BASED COMPUTER AIDED ASSESSMENT TOOL SUPPORTING QUESTION QUALITY IMPROVEMENT (F272)**

*Davide Antelmo, Gennaro Costagliola, Filomena Ferrucci and Vittorio Fucella*

**A SEMI-AUTOMATIC TOOL USING ONTOLOGY TO EXTRACT LEARNING OBJECTS (S274)**

*Vasile Dumitrascu, Bich-Liên Doan and Yolaine Bourda*

**11:00-13:00 Session FP 19.2 - Semantic Web**  
(Room: Douro 1 + Douro 2)

**SEMIAUTOMATIC WEB SERVICE GENERATION (F126)**

*J. M. Fuentes, M. A. Corella, P. Castells and M. Rico*

**A SEMANTICALLY-ENHANCED PERSONALIZATION FRAMEWORK FOR KNOWLEDGE-DRIVEN MEDIA SERVICES (F156)**

*David Vallet, Phivos Mylonas, Miguel A. Corella, José M. Fuentes, Pablo Castells and Yannis Avrithis*

**TOWARDS SEMANTIC WEB SERVICES: A BRIEF OVERVIEW (F224)**

*Fernando Bobillo, Juan Gómez-Romero and Ramón Pérez-Pérez*

**THE DATABASE TO RDF MAPPING MODEL FOR AN EASY SEMANTIC EXTENDING OF DYNAMIC WEB SITES (F037)**

*Martin Svihla and Ivan Jelinek*

**11:00-13:10 Session FSP 19.3 –**

**WWW/Internet Case Studies, Impacts and Applications**  
(Room: Douro 4)

**INTERNET-BASED PERSONAL TV STATION ENABLING INDIVIDUALS TO PRODUCE, DISTRIBUTE, AND VIEW TV PROGRAMS (F033)**

*Narichika Hamaguchi, Mamoru Doke and Masaki Hayashi*

**PLAY IT AGAIN, BABBAGE! – A FRAMEWORK TO EXPLOIT MUSICAL REPETITION FOR HIGH-QUALITY AUDIO COMPRESSION (S244)**

*Stuart Cunningham, Vic Grout and John McGinn*

**IMPLEMENTING SHIBBOLETH AT A UK NATIONAL ACADEMIC DATA CENTRE (S223)**

*Ross MacIntyre and David Chaplin*

**DIGITAL DIVIDE IN ITALY AMONG INDIVIDUALS BY USING ENDOGENOUS METRICS (S168)**

*Irma Serrecchia, Michela Serrecchia and Maurizio Martinelli*

**THE META-NATIONAL SPACE OF THE NEWORLD: VISITING VIRTUAL SOCIETIES (S119)**

*Papadaki Eirini and Mylona Ifigeneia*

**PUBLIC TENDER SUPPORT SYSTEM – WEB BASED SUPPORT FOR SOFTWARE ACQUISITION (S279)**

*Werner Aigner, Peter Regner and Thomas Wiesinger*

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

**14:30-16:30 Session FP 19.4 - Searching and Browsing**  
(Room: Auditorium)

**FIGHTING LINK FARMS USING PROOF-OF-WORK (F091)**

*Sebastian Golze, Gero Mühl and Michael C. Jäger*

**INDEX: PROPERTIES OF TWO WEB SEARCH RESULT CATEGORIZATION ALGORITHMS (F112)**

*Mika Käki*

**USING MODULAR AND GENERATIVE APPROACHES FOR IMPLEMENTING ADAPTABLE MOBILE BROWSER APPLICATIONS (F128)**

*Marko Palviainen and Timo Laakko*

**FLEXIBLE ARCHITECTURE FOR TEXT-MINING AND WEB-MINING (F151)**

*Damian Gajda and Piotr Gawrysiak*

**14:30-16:30 Session SP 19.5 –**  
**e-Business and e-Commerce //**

**Internet & Customer Relationship Management**  
(Room: Douro 1 + Douro 2)

**MULTI-CLIENT CAR INSURANCE (S040)**

*N. Serbedzija, M. Fabiunke, F. Schön and G. Beyer*

**THE EFFECT OF DELAY ON AN E-COMMERCE SITE (S067)**

*Kristine Faulkner*

**OBSERVATORY FOR THE DEVELOPMENT OF PRODUCTIVE ARRANGEMENTS: A PROPOSAL WITH A NATIONAL ECONOMIC INTEGRATION (S159)**

*Hugo Cesar Hoeschl, Sonali Paula Molin Bedin, Tânia Cristina D'Agostini Bueno and Aline Nicolini*

**SETTING THE FOUNDATIONS FOR E-BUSINESS MODELS IN SMES WITHIN THE CONSTRUCTION SECTOR (S230)**

*Philip J. Weston and Anthony S. Atkins*

**SERPI - SYSTEM FOR REGISTRATION OF INDUSTRIAL PROPERTY PRODUCTION (S166)**

*Hugo Cesar Hoeschl, Gláucia Oenning, Tânia C. D. Bueno, Evandro Broering Nascimento and Daniela Secco*

**GENERATING SKELETON CODE FOR NETCONF**

**MODULES FROM SMI MIB MODULE DEFINITIONS (S268)**

*Torsten Klie*

**14:30-16:30 Session FSP 19.6 - Adaptive Web Systems//  
Web Personalization  
(Room: Douro 4)**

**ADAPTATION OF DYNAMIC WEB PAGES ON THE EDGE  
(F065)**

*Gawesh Jawaheer and Julie McCann*

**SYNCHRONIZATION METHOD OF WEB-SUBGRAPH OF  
CONTENTS (S069)**

*Yukiyo Takasago, Aki Kobayashi, Katsunori Yamaoka and Yoshinori Sakai*

**A COMPOSITIONAL TECHNIQUE FOR ADAPTING  
MOBILE APPLICATIONS (S136)**

*Marko Palviainen*

**A FRAME LOGIC BASED APPROACH TO BUILD  
RECOMMENDATION SYSTEMS: AN APPLICATION TO  
E-COMMERCE DOMAIN (F154)**

*A. Calabrese, D. D'Andrea, L. Ferella, F. Mele, G. Minei, G. Sammartino and A. Sorgente*

**TWO DIFFERENT TOOLS FOR USER INTERFACE  
PERSONALIZATION (S254)**

*Alberto Pedrero, Vidal Alonso, Miguel Villarroel and Pablo de la Fuente*

**16:30 - 17:00 Coffee Break**

**17:00-19:20 Session FSP 19.7 - e-Government  
(Room: Auditorium)**

**A CASE STUDY OF PARTICIPATORY DESIGN IN  
E-GOVERNMENT SYSTEMS: E-SERVICES AND E-ID (F041)**

*Flavio Corradini, Chiara Ercoli, Alberto Polzonetti and Barbara Re*

**E-GOVERNMENT EXPERIMENTS IN A LARGE PUBLIC  
ORGANIZATION (F123)**

*Kai Lindberg*

**E-GOVERNMENT IN CHINA: AN EMPIRICAL ANALYSIS  
(F194)**

*Qiuyan Fan*

**ARE THE SOCIALLY EXCLUDED SLIPPING THROUGH  
THE INTERNET? (F231)**

*Malcolm Crawford and Phil Weston*

**INFORMATION MONITORING SYSTEM WITH  
ARTIFICIAL INTELLIGENCE: A STRATEGY FOR THE  
SUPPORT OF PUBLIC POLICY ELABORATION (S275)**

*Filipe Costa, Fernando Reichert and Hugo Hoeschl*

**17:00-18:50 Session FSP 19.8 –  
Information Visualization//Searching and Browsing//  
Human Computer Interaction  
(Room: Douro1 + Douro2)**

**A COMPARISON OF WEB-BASED AND TRADITIONAL  
INSTRUCTION FOR THE ACQUISITION OF  
INFORMATION LITERACY SKILLS: IMPACT OF  
TRAINING ON LEARNING OUTCOMES, INFORMATION  
USAGE PATTERNS, AND STUDENT PERCEPTIONS (F013)**

*Katherine Schilling*

**INTERACTIVE VISUAL EXPLORATION OF WEB  
DOCUMENT POOLS (F270)**

*Kresimir Simunic, Wolfgang Strauss, Stefan Paal and Monika Fleischmann*

**AUTOMATIC GEO-REFERENCING OF WEB-PAGES (F050)**

*Thomas Lindgaard and Kaj Grønbaek*

**NEIGHBORING SEARCH BY VISUALIZATION OF WEB  
LINK SPACE (S070)**

*Takamichi Miyata, Aki Kobayashi, Hidetomo Miyahara, Katsunori Yamaoka and Yoshinori Sakai*

**17:00-18:30 Session FSP 19.9 –  
Teaching and Learning Strategies//e-Learning  
(Room: Douro 4)**

**NEW TRAINING MODELS FOR IN-COMPANY  
CERTIFICATION TRAINING (F249)**

*John B. Stav, Hariklia Tsalapatas and Erik Engh*

**EVERYTHING I LEARNED FROM THE SIMS™: PUTTING  
GAMES IN CONTEXT (S021)**

*Yusuf Pisan*

**THE RELATIONSHIP BETWEEN TEACHING METHOD  
AND LEARNING ENVIRONMENT A CELL PHONE  
MEDIATED ELECTRONIC BULLETIN BOARD (S023)**

*Hiroko Kanoh and Nobuyoshi Terashima*

**INTER-PERSONAL RELATIONS AND STUDENTS'  
SATISFACTION IN AN E-LEARNING PROGRAM: A STUDY  
IN FERDOWSI UNIVERSITY (S089)**

*Reza Ahanchian and A.Gharavian*

**Thursday 20, October 2005**

**08:30-18:30 Welcome Desk**

**09:00-10:00 Session K2 – Keynote Presentation  
(Room: Atlântico 1)**

**MOBILE CYBER OFFICE: CONCEPTS, DESIGNS AND  
IMPLEMENTATIONS**

*Prof. Nian-Shing Chen, Department of Management of Information System, National Sun-Yat-Sen University, Taiwan*

**10:05-11:05 Session FP 20.1 - Intelligent Agents  
(Room: Atlântico 1)**

**A FULLY-DISTRIBUTED, MULTIAGENT APPROACH TO  
NEGOTIATION IN MOBILE AD-HOC NETWORKS (F038)**

*Iván Marsá Maestre, Juan R. Velasco, Miguel A. López and Andrés Navarro*

**ALAN: AN AGENT-OBJECT PROGRAMMING LANGUAGE  
(F074)**

*Luca Spalazzi and Francesco Pagliarecci*

**10:05-11:05 Session SP 20.2 –  
WWW/Internet Applications  
(Room: Douro 1 + Douro 2)**

**DEVELOPMENT OF WEB-BASED MONITORING SYSTEM  
WITH DATABASE AND HOMING FACILITIES (S043)**

*Yoshiro Imai, Yuichi Sugiue, Akira Andatsu and Shin'ichi Masuda*

**USING MOBILE AGENTS TO SEARCH FOR DISTRIBUTED  
INVISIBLE INFORMATION (S088)**

*Paula Cristina Oliveira and Eurico Carrapatoso*

**A RATIONAL-EMOTIVE BEHAVIOR THERAPY-BASED  
AUTOMATED DIALOGUE SYSTEM FOR EXERCISE  
BEHAVIOR CHANGE (S205)**

*Marco De Boni, Robert Hurling and Windy Dryden*

**10:05-11:05 Session FP 20.3 - Performance Issues  
(Room : Douro 4)**

**REPLICA MANAGEMENT IN CONTENT DISTRIBUTION  
NETWORKS (F097)**

*Vibha Tripathi and Yuri Breitbart*

**ANALYSIS OF FLASH MOBS IN BITTORRENT (F104)**

*Daniel J. Garrison*

11:00-11:30 Coffee Break

11:30-13:30 Session FSP 20.4 –  
e-Government//Computer-Mediated Communication  
(Room: Atlântico 1)

**SERVICE DISCOVERY IN E-GOV ENVIRONMENTS (S048)**  
*Flavio Corradini, Francesco De Angelis, Alberto Polzonetti and  
Oliviero Riganelli*

**E-FLORIANOPOLIS – A PROJECT OF DIGITAL  
INCLUSION (S164)**

*Hugo Cesar Hoeschl, Aires Rover, Vânia Barcellos, Filipe Costa and  
Aline Nicolini*

**A UNIFIED FRAMEWORK FOR POLITICAL PARTIES TO  
SUPPORT E-DEMOCRACY PRACTICES (S226)**

*Christos Bouras, Eleftheria Giannaka, Theodoros Karounos,  
Athanasios Priftis, Vasilis Pouloupoulos and Thrasivoulos Tsiatsos*

**ADMINISTRATIVE INFORMATION WEB-BASED  
COLLABORATIVE CENTRE (AICC) (F145)**

*V. M. R. Penichet, J. A. Gallud, M. López and M. Lozano*

**CODE: AN ALGORITHM FOR THE DISTRIBUTION OF  
CONSISTENT DATA ON THE INTERNET (F261)**

*Ciaran Ferry and Stephen Blott*

11:30-12:50 Session SP 20.5 –  
Social & Legal Issues//Security Issues  
(Room: Douro 1 + Douro 2)

**TOWARDS A HERMENEUTICAL APPROACH FOR CROSS-  
DOMAIN & CROSS-CULTURAL KNOWLEDGE  
DISCOVERY ON THE WEB (S022)**

*Chern Li Liew*

**XML WAREHOUSING MEETS SOCIOLOGY (S266)**

*François-xavier Dudouet, Ioana Manolescu, Benjamin Nguyen and  
Pierre Senellart*

**SSH PROBES: THE PRICE OF UNIX MAINSTREAMING?  
(S236)**

*Kaido Kikkas*

**GOVERNANCE POLICY OF INFORMATION SECURITY IN  
DECENTRALIZED ENVIRONMENT (S251)**

*Yoonjeong Kim*

11:30-13:30 Session FP 20.6 –  
e-Business and e-Commerce  
(Room: Douro 4)

**ASKING FOR A DATE: DATE INPUT MECHANISMS ON  
THE WEB (F068)**

*Kristine Faulkner and Fintan Culwin*

**A SURVEY INTO CONSUMER EXPERIENCES AND  
ATTITUDES TOWARDS ONLINE GROCERY SHOPPING IN  
THE UK (F127)**

*David M. Walters, Catherine Maria Toase, PingPing Hong and  
Matthias Meckel*

**THE EFFECT OF HABIT AND SATISFACTION IN  
CUSTOMER RETENTION FOR INTERNET GAMBLING  
(F179)**

*Bill Jolley, Dick Mizerski and Doina Olaru*

**AUTOMATIC MARKET FORECAST SUMMARIZATION  
FROM INTERNET DATA (F155)**

*Benno Stein, Sven Meyer zu Eissen, Frank Wißbrock and Gernot  
Graefe*

13:00-14:30 Lunch Break

15:00 Departure to the Tour and Conference Dinner

**Friday 21, October 2005**

08:30-18:30 Welcome Desk

09:00-10:00 Session K3 – Keynote Presentation  
(Room: Atlântico 1)

**A WALK ON THE SOFT SIDE: ORGANIZATIONAL  
ANALYSIS AS A MEANS TO MORE EFFECTIVE ICT  
ADOPTION AND USE**

*Dr. David Wainwright, School of Computing, Engineering and  
Information Sciences, Northumbria Universit, UK*

10:05-11:05 Session SP 21.1 - Intelligent Agents  
(Room: Atlântico 1)

**COOWS: ADAPTIVE BDI AGENTS MEET SERVICE-  
ORIENTED COMPUTING (S135)**

*Luigi Bozzo, Viviana Mascardi, Davide Ancona and Paolo Busetta*

**SCINFO – AN AGENT-BASED INFORMATION GATHERING  
SYSTEM FOR KNOWLEDGE MANAGEMENT USING WEB  
DOCUMENTS (S153)**

*Marco Aurélio Zimmermann, Cristina Souza Santos, Eduardo da  
Silva Mattos and Hugo Hoeschl*

**INTELLIGENT AGENT CONCEPTS FOR OUTSOURCING  
DECISION-MAKING IN CUSTOMER SERVICE  
OPERATIONS (S191)**

*Bernadette Sharp, Anthony Atkins, Luke Ho, Hemal Kothari and Dan  
Paul*

10:05-11:05 Session FP 21.2 - Web Software ~  
(Room: Douro 1 + Douro 2)

**ARCHITECTURAL TRANSFORMATION AND RE-  
ENGINEERING FOR WEB SERVICE-BASED SYSTEMS  
(F096)**

*Claus Pahl and Ronan Barrett*

**CREATING A POLITE, ADAPTIVE AND SELECTIVE  
INCREMENTAL CRAWLER (F235)**

*Christos Bouras, Vassilis Pouloupoulos and Athena Thanou*

10:05-11:05 Session FP 21.3 - Internet Services  
(Room: Douro 4)

**AN EXPERIMENTAL DISTRIBUTED RESOLUTION OF  
WWW INTERACTIONS (F071)**

*Fernando Miguel Carvalho and Rui Gustavo Crespo*

**A CRITICAL EXAMINATION OF THE ADVANTAGES AND  
DISADVANTAGES OF E – BOND TRANSACTIONS, AND  
THE EXTEND TO WHICH THEY PERTAIN TO THE  
ISSUING OF BONDS WORLDWIDE (F116)**

*Despina C. Anargiridou and Demetrios L. Papadopoulos*

10:05-11:15 Session FSP 21.4 - Semantic Web  
(Room: Douro 3)

**SEMANTEXPLORER: A SEMANTIC WEB BROWSER (F139)**

*Simon Scerri, Charlie Abela and Matthew Montebello*

**SEARCH AND EVALUATION OF ONTOLOGIES FOR  
SEMANTIC WEB SERVICES IN THE INTERNET (S147)**

*Lars Engel, Michael C. Jaeger and Gero Mühl*

**SEMANTIC MEDIAWIKI: A USER-ORIENTED SYSTEM  
FOR INTEGRATED CONTENT AND METADATA  
MANAGEMENT SYSTEM (S258)**

*Hendry Muljadi, Hideaki Takeda, Jiro Araki, Shoko Kawamoto,  
Satoshi Kobayashi, Yoko Mizuta, Sven Minoru Demiya, Satoshi  
Suzuki, Asanobu Kitamoto, Yasuyuki Shirai, Nobuyuki Ichiyoshi,  
Takehiko Ito, Takashi Abe, Takashi Gojobori, Hideaki Sugawara,  
Satoru Miyazaki, and Asao Fujiyama*

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 21.5 –  
Collaboration// Groupware  
(Room: Atlântico 1)

**RECOLED: A GROUP-AWARE COLLABORATIVE TEXT EDITOR FOR CAPTURING DOCUMENT HISTORY (F255)**  
*Masood Masoodian, Matt-Mouley Bouamrane, Saturnino Luz and David King*  
**COMMENTING TOOLS FOR AN XML-CENTRIC COLLABORATIVE AUTHORIZING AND LEARNING ENVIRONMENT (S054)**  
*Bo Hu and Kai Koster*  
**COVIEW: A PROTOTYPE OF A COOPERATIVE VIDEO EDITING TOOL BASED ON WEB SERVICES (F059)**  
*Benjamim Fonseca and Eurico Carrapatoso*

11:30-13:10 Session FSP 21.6 –  
Information Architectures//System Integration  
(Room: Douro 1 + Douro 2)

**ADAPTATION AND WORKFLOW MANAGEMENT SYSTEMS (F025)**  
*Jorge Cardoso and Amit Sheth*  
**SHIBBOLETH FOR NEW GENERATION ACCESS MANAGEMENT (UK PERSPECTIVE (F150))**  
*John Paschoud and Masha Garibyan*  
**MULTI-SOURCING WEB SERVICES FOR AN IMPROVED ACCESS TO WEB CONTENTS (S278)**  
*Hans Weghorn*  
**A MODULAR ARCHITECTURE FOR MEASUREMENT BASED ADMISSION CONTROL (S122)**  
*Thomas Bohnert and Edmundo Monteiro*

11:30-12:50 Session FSP 21.7 - Security Issues  
(Room: Douro 4)

**INTRODUCING MICRO-AUTHENTICATION SERVERS, IN EMERGING PERSASIVE ENVIRONMENTS (F103)**  
*Pascal Urien, Mesmin Danjinou, Mohamad Badra and Guy Pujolle*  
**SECURITY OF SOFTWARE OUTSOURCING IN MILITARY AND GOVERNMENT AGENCIES (F189)**  
*Luke Ho and Anthony Atkins*  
**SUPPORTING MULTIPLE DATA TYPES UNDER THE SAME TLS SESSION (S124)**  
*Mohamad Badra, Ibrahim Hajjeh and Jacques Demerjian*  
**USER AUTHENTICATION MECHANISMS FOR HOME NETWORK (S209)**  
*Jee-Hye Park, Hong-Il Ju, Hyung Kyu Lee, Yun-Kyung Lee and Jong-Wook Han*

11:30-12:50 Session SP 21.8 - Ubiquitous Computing  
(Room : Douro 3)

**ENHANCING LOCATION-AWARE SOCIAL NETWORKING THROUGH SHORT-RANGE UBIQUITOUS COMPUTING: A PROTOTYPE (S146)**  
*Stefano Puglia*  
**A CONTEXTUAL ONTOLOGY TO PROVIDE LOCATION-AWARE SERVICES AND INTERFACES IN SMART ENVIRONMENTS (S260)**  
*Miriam Machuca, Miguel A. López, Iván Marsá Maestre and Juan R. Velasco*  
**ECONOMIC CONSIDERATIONS FOR PRIVACY IN UBIQUITOUS COMPUTING ENVIRONMENTS (S196)**  
*Eungyong Lee and Taejoong Kim*  
**THE DONET PROJECT (S158)**  
*Attard Malcom and Montebello Matthew*

13:00-14:30 Lunch Break

14:30 - 15:30 POSTER SESSIONS  
(Room: Foyer)

**INTELLIGENT TEXT EXTRACTION FROM PDF (P045)**  
*Tamir Hassan and Robert Baumgartner*  
**RECOMMENDING ELEMENTS TO BE ADDED TO THE USER INTERFACE (P062)**  
*Alberto Pedrero, Vidal Alonso, Pablo de la Fuente and Miguel Ángel Villarroel*  
**XML: AN ESSENTIAL ELEMENT FOR E-LEARNING BASED SOLUTION (P092)**  
*Abdul Khalique*  
**REUSABLE ADAPTIVE HYPERMEDIA E-LEARNING CONTENT USING AICC AND SCORM (P105)**  
*Miroslav Bures and Ivan Jelinek*  
**THE EFFECTIVE OPTIMIZATION OF CHANGE PROCESS IN ADAPTIVE WEB APPLICATION (P106)**  
*Miroslav Bures and Ivan Jelinek*  
**CREATING CUSTOMER LOYALTY THROUGH RELATIONSHIP QUALITY IN INTERNET GROCERY SHOPPING (P107)**  
*Xiaoming Lu, Heather Fulford and Mohammed Rafiq*  
**RELEVANT QUERIES, FINE GRAIN ANSWER TYPES AND DOCUMENTS SEARCH REFINEMENT FOR WEB QAS (P129)**  
*David Ramamonjisoa*  
**A FIRST APPROACH TOWARDS PERSASIVE COMPUTING USING CURRENT TOOLS – A REAL EXAMPLE (P140)**  
*Paulo Neves, Nuno Luz and Ricardo Proença*  
**THE APPLICATION OF ONLINE TESTING FOR EDUCATIONAL PROCESS IN CLIENT-SERVER SYSTEM (P144)**  
*Gennadiy N. Burlak, José Alberto Hernández and A. Zamudio-Lara*  
**ELECTRONIC GOVERNMENT AND ONTOLOGIES: AN APPLICATION IN JUDICIAL MATTERS (P165)**  
*Hugo Cesar Hoeschl, Tânia Cristina D'Agostini Bueno and Cristina Souza Santos*  
**INFORMATION SYSTEMS INTEROPERABILITY AS INVESTIGATION STRATEGY (P172)**  
*Hugo Cesar Hoeschl, Eduardo S. Mattos, Marcelo Stopanovski Ribeiro, Antenor Pereira Madruga Filho, Érica B. Queiroz Ribeiro and Tania Cristina D. Bueno*  
**CONVERTING BROWSERS TO BUYERS: EXPLORING WHAT DRIVES CONSUMER CHOICE IN INTERNET E-COMMERCE (P187)**  
*Karl Smith*  
**MANAGING THE INFORMATION SYSTEM LIFE CYCLE (P241)**  
*Manuela Aparício, Carlos J. Costa and J.Leopoldo Nhampossa*

14:30-15:10 Session SP 21.9 - Wireless Applications  
(Room: Douro 1 + Douro 2)

**INTERNET ENABLED WIRELESS MASS DATA SYSTEM REQUIREMENTS (S213)**  
*Markus Sihvonen, Jouko Tähtinen, Daniel Pakkala and Pekka Pääkkönen*  
**GENERIC ENGINE FOR COLLABORATIVE MOBILE APPLICATIONS (S214)**  
*Tero Hakkarainen, Vespe Savikko and Ali Lattunen*

14:30-15:20 Session FSP 21.10 – Usability  
(Room: Douro 4)

**E-GOV SITES DOMAIN: A BRAZILIAN CASE (F267)**  
*Ana Cristina Bicharra Garcia, José Luiz T. Nogueira and Inhaúma Neves Ferraz*  
**HEURISTIC EVALUATION OF CONTENT MANAGEMENT SYSTEMS: CMS SPECIFIC HEURISTICS (S192)**  
*Ronald Bos, Jilles van Gorp, Jan Herman Verpoorten and Sjaak Brinkkemper*

**15:30 - 17:00 TUTORIAL I**

**(Room: Douro 1 + Douro 2)**

**FOUNDATIONS OF THE SEMANTIC WEB**

*Wolfgang Woerndl, Georg Groh, Karlheinz Toni  
TUM, University of Technology Munich, Germany*

**15:30 - 17:00 TUTORIAL II**

**(Room: Douro 4)**

**THE BRIDGE FROM CLASSICAL TO DIGITAL:  
DEVELOPING HYBRID LIBRARIES**

*Paul Nieuwenhuysen  
Vrije Universiteit Brussel, Belgium*

**17:00-17:30 Coffee Break**

**17:30 - 19:00 TUTORIAL I**

**(Room: Douro 1 + Douro 2)**

**FOUNDATIONS OF THE SEMANTIC WEB**

*Wolfgang Woerndl, Georg Groh, Karlheinz Toni  
TUM, University of Technology Munich, Germany*

**17:30 - 19:00 TUTORIAL II**

**(Room: Douro 4)**

**THE BRIDGE FROM CLASSICAL TO DIGITAL:  
DEVELOPING HYBRID LIBRARIES**

*Paul Nieuwenhuysen  
Vrije Universiteit Brussel, Belgium*

**Saturday 22, October 2005**

**08:30-14:30 Welcome Desk**

**09:00-11:00 Session SP 22.1 - e-Learning**

**(Room: Atlântico 1)**

**THE EFFECT OF ON-LINE SIMULATIONS ON ATTRITION  
AND GRADE DISTRIBUTIONS IN WEB-BASED COURSES  
(S143)**

*William M. Casolaro*

**USING TAXONOMIES IN COMPOSING LEARNING  
OBJECTS (S203)**

*Juha Puustjärvi*

**LEARNING TOLERANCE: ONLINE LEARNING AND  
ONLINE PORTAL FOR INTERCULTURAL  
COMMUNICATION (S080)**

*Joachim P. Hasebrook and Olaf Zawacki-Richter*

**INTERNET-BASED PERFORMANCE SUPPORT SYSTEM IN  
DECOMMISSIONING OF NUCLEAR INSTALLATIONS  
(S084)**

*Lyubomir Pironkov and Slavka Tzanova*

**DIGITAL STUDENTS AND THEIR USE OF ELEARNING  
ENVIRONMENTS (S063)**

*Diana Andone, Jon Dron, Chris Boyne and Lyn Pemberton*

**WEB-BASED LEARNING IN MICROELECTRONICS (S087)**

*Slavka Tzanova and Marina Tzanova*

**09:00-11:00 Session FSP 22.2 –**

**WWW/Internet Applications**

**(Room: Douro 1 + Douro 2)**

**A CUSTOMIZABLE SEMANTIC-BASED P2P SYSTEM (F046)**

*Marco Mesiti, Viviana Mascardi and Giovanna Guerrini*

**ESPIRITUS – WEB SERVICES BASED ANNOTATION  
SYSTEM FOR WEB DOCUMENTS (F132)**

*Marco Fernandes, Miguel Alho, Joaquim A. Martins, Joaquim S.  
Pinto and Pedro Almeida*

**COORDINATING ELECTRONIC AUCTIONS BY  
WORKFLOW SYSTEMS (S204)**

*Juha Puustjärvi*

**A CERTIFIED EMAIL SYSTEM FOR THE PUBLIC  
ADMINISTRATION IN ITALY (S138)**

*Francesco Gennai, Loredana Martusciello and Marina Buzzi*

**CONSIDERING THE NEW USER REQUIREMENTS FOR  
APT MOBILE INTERNET SERVICES DELIVERY (S029)**

*Panagiotis Germanakos, Constantinos Mourlas and George Samaras*

**09:00-10:40 Session FSP 22.3 - Data Mining**

**(Room: Douro 4)**

**WRAPPING LEGACY CODE FOR A SERVICE ORIENTED  
KNOWLEDGE DISCOVERY SUPPORT SYSTEM (F073)**

*Claudia Diamantini, Domenico Potena and Maurizio Panti*

**CONTINUOUS K NEAREST NEIGHBOR QUERIES IN ROAD  
NETWORKS (F101)**

*Maytham Safar and Fatemah Alwazzan*

**APPLICATION OF A CUSTOMER RELATIONSHIP  
MANAGEMENT SYSTEM FOR A LARGE INDEPENDENT  
TRAVEL AGENT (S183)**

*R. Shaw and A.S. Atkins*

**INTRODUCTION OF TIME CONSTRAINTS TO A  
SEQUENTIAL MINING METHOD (S233)**

*Shigeaki Sakurai, Ken Ueno and Ryohei Orihara*

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

**11:30-13:40 Session FSP 22.4 - XML**

**(Room: Atlântico 1)**

**APP – ARCHITECTURE FOR PIPELINED PROCESSING  
(F052)**

*Rui Lopes and Luís Carriço*

**USING XML COMPRESSION FOR WWW  
COMMUNICATION (F245)**

*Tomasz Müldner, Gregory Leighton and James Diamond*

**ROUTING XQUERY IN A P2P NETWORK USING  
ADAPTABLE TRIE-INDEXES (S243)**

*Florin Dragan, Georges Gardarin and Laurent Yeh*

**A SURVEY ON TESTING XML-BASED APPLICATIONS  
(S242)**

*Claudio de la Riva and Javier Tuya*

**SUPERVISED DATA EXTRACTION (F094)**

*N.Georgiev, J.M.Labat, J.L.Minel and L.Nicolas*

**11:30-13:20 Session FSP 22.5 –**

**Distributed And Parallel Applications**

**(Room: Douro 1 + Douro 2)**

**IMPROVING DATA QUALITY OF MOBILE INTERNET  
APPLICATIONS WITH AN EXTENSIBLE VIRTUAL  
SHARED MEMORY APPROACH (F130)**

*Eva Kühn, Martin Beinhart and Martin Murth*

**PARALLEL ALGORITHMS IN THE WEB (S133)**

*Verónica Gil Costa, Marcela Printista and Mauricio Marín*

**ATTRIBUTES & CO – COLLABORATIVE APPLICATIONS  
WITH DECLARATIVE SHARED OBJECTS (F114)**

*Eva Kühn and Fabian Schmied*

**PERSONALIZED VIEWS IN A DISTRIBUTED  
SURVEILLANCE SYSTEM (F077)**

*Fabián P. Lousame, Pedro Jorge Romero and Eduardo Sánchez*

**11:30-13:10 Session FSP 22.6 –  
Technology Strategies//Technology Management  
(Room: Douro 4)**

**E-BANKING VALUE CREATION STRATEGIES: THE CASE  
OF THE SAUDI INVESTMENT BANK (F206)**

*Mohammed Al-Jadeed and Alfonso Molina*

**ISA4G - INTEGRATED STUDENT ACCESS ID CARD OF  
FOURTH GENERATION (S256)**

*Hans Weghorn, Andreas Schmeiser, Hans Peter Großmann, Michael  
Pirker and Søren Haubold*

**RECENT STRATEGIC, STRUCTURAL AND  
TECHNOLOGICAL TRENDS OF THE PORTUGUESE  
BANKING SECTOR (F016)**

*Fernando Alberto Freitas Ferreira e José Manuel Monteiro Barata*

**STRATEGIC ALIGNMENT BETWEEN BUSINESS AND  
IT/IS: A STUDY IN PORTUGUESE ENTERPRISES (S024)**

*José J. Marques Nunes and Carlos J. Costa*

**13:40 Closing Session (Room: Atlântico)**

*Professor Prof. Pedro Isaías and Prof. Miguel Baptista Nunes*