

IADIS International Conference WWW/Internet 2007

CONFERENCE PROGRAM

Friday 5, October 2007

08:30-19:30 Welcome Desk

09:30 Session O – Opening Session
(Room: UTAD 1)

OPENING SESSION

José Bulas Cruz, Pedro Isaias, Miguel Baptista Nunes and João Barroso

10:00-11:00 Session K1 – Keynote Presentation
(Room: UTAD 1)

TOWARDS A CONSTRUCTIONIST WEB

Senior Researcher Ken Kahn, Oxford University and London Knowledge Lab, UK

11:00-11:30 Coffee Break

11:30-13:00 Session FSP 5.1

E-Government

(Room: UTAD 1)

SERVICES FEDERATION IN THE EUROPEAN EMPLOYMENT SYSTEM (F094)

Mariagrazia Fugini, Filippo Ramoni, Mirko Cesarini and Mario Mezzanzanica

EVALUATION OF THE QUALITY OF ONLINE PUBLIC SERVICES (S067)

Cristina Alpopi and Sofia Elena Colesca

TOURISM ONTOLOGY AND SEMANTIC MANAGEMENT SYSTEM: STATE-OF-THE-ARTS ANALYSIS (S036)

Kathrin Prantner, Ying Ding, Michael Luger and Zhixian Yan

MEASURING AND EVALUATING A RELATIVE EFFICIENCY OF E-GOVERNMENT INFORMATION (S035)

SeongCheol Lim and Fukuya Ishino

11:30-13:10 Session FSP 5.2

Security Issues

(Room: UTAD 2)

INTRODUCING POCKET PKI FOR WLAN SECURITY (F143)

Pascal Urien and Mohamad Badra

A REAL-TIME INTRUSION DETECTION SYSTEM FOR THE WINDOWS ENVIRONMENT (S115)

Deborah Buckley, Irfan Altas and Jason Howarth

ACCESS CONTROL: CHALLENGES AND APPROACHES IN THE INTERNET OF THINGS (S107)

Eberhard Grummt, Markus Müller and Ralf Ackermann

FIGHTING SPAM: ITALIAN LEGISLATION IN THE CONTEXT OF THE EUROPEAN DIRECTIVES (F129)

Marina Buzzi and Rita Rossi

13:00-14:30 Lunch Break

14:30-16:40 Session FSP 5.3

E-Learning

(Room: UTAD 1)

THE BLEND OF M-LEARNING AND E-LEARNING AT AUC (F137)

Ahmed Sameh

INTEGRATING ELECTRONIC RESOURCES INTO THE VIRTUAL LEARNING ENVIRONMENT: WORK IN PROGRESS AT BOURNEMOUTH UNIVERSITY LIBRARY (S061)

David Ball, Jill Beard and Barbara Newland

ITERATIVE SEARCH OF COMPOSITE LEARNING OBJECTS (S085)

Alda Lopes Gançarski, Amel Bouzeghoub, Bruno Defude and Claire Lecocq

SELF-GENERATING AND AUTOMATIC MARKING OF EXERCISES IN PRODUCTION PLANNING (S097)

Markus Siepermann and Richard Lackes

A WEB-BASED VISUAL COMPUTER SIMULATOR AND ITS EVALUATION THROUGH A REAL EDUCATION (S124)

Yoshiro Imai, Yukio Hori, Keiichi Kaneko and Masaki Nakagawa

WEB DEVELOPMENT ON A STICK (S199)

Simon Sharpe and Louise Richards

14:30-16:20 Session FSP 5.4

E-Business and E-Commerce

(Room: UTAD 2)

TOWARDS AUTOMATED VERIFICATION OF WEB SERVICES (F234)

Cátia Vaz and Carla Ferreira

ELECTRONIC NEGOTIATIONS OF THE TRANSACTIONAL COSTS PERSPECTIVE (S095)

Ricardo Buettner

AN E-CATALOGUE BASED SUPPLIER RELATIONSHIP MANAGEMENT SYSTEM (S022)

Eulálio G. Campelo F. and Wolffried Stucky

IMPERFECT INFORMATION IN ELECTRONIC NEGOTIATIONS: AN EMPIRICAL STUDY (S225)

Ricardo Buettner

DEVELOPMENT OF E-SERVICES (S021)

Seppo Sirkemaa

15:30 – 16:30 Session Doctoral Consortium

(Room: UTAD 3)

CITIZENSHIP IN THE ELECTRONICALLY NETWORKED CITY (D083)

Jenni V. Viitanen

SOCIO-CULTURAL INTERFACES FOR E-LEARNING (D039)

Marine Terezinha da Silva Bello Flores, Aude Dufresne and Ghislain Lévesque

16:30 - 17:00 Coffee Break

17:00 - TUTORIAL

(Room: UTAD 1)

RUNNING THROUGH THE LABYRINTH OR HOW TO FIND INFORMATION EFFECTIVELY ON THE WWW

Professor Paul Nieuwenhuysen, Vrije Universiteit Brussel, B-1050 Brussel, and Information and Library Science, Universiteit Antwerpen, Belgium

Saturday 6, October 2007

08:30-14:30 Welcome Desk

9:00-10:50 Session FSP 6.1

Data Mining

(Room:UTAD 1)

FINDING COMMUNITY STRUCTURE IN A MEGA-SCALE SOCIAL NETWORKING SERVICE (F090)

Ken Wakita and Toshiyuki Tsurumi

HUMAN WEB BEHAVIOR MINING (F205)

Peter Géczy, Noriaki Izumi, Shotaro Akaho and Kôiti Hasida

APPROXIMATING RELATION EXTRACTION FOR COMMUNITY MINING IN HETEROGENEOUS SOCIAL NETWORKS (F189)

Nima Haghpanah, Masoud Akhoondi and Hassan Abolhassani

AUTOMATIC SUMMARIZER BASED ON PRAGMATIC PROFILES (S214)

Marcus V. C. Guelpeli and Ana Cristina Bicharra Garcia

9:15-10:30 Session FRP 6.2

Protocols and Standards // E-Business and E-Commerce

(Room: UTAD 2)

A MODELING APPROACH FOR E-BUSINESS STANDARDS BASED ON XML SCHEMA ANNOTATIONS (F230)

Volker Schmitz, Joerg Leukel and Martin Hepp

A UDDI EXTENSION FOR BUSINESS PROCESS MANAGEMENT SYSTEMS (F071)

Diego Zuquim Guimarães Garcia and Maria Beatriz Felgar de Toledo

SECRETARIA ON-LINE FROM ISCAP: A CASE OF INNOVATION (R069)

Rui Humberto Pereira, Ana Azevedo and Olímpio Castilho

9:30 - 10:30 Session FSP 6.3

Quality, Evaluation and Assessment // Technology

Innovation and Competitiveness

(Room: UTAD 3)

EGOVERNANCE IN CITIES: A COMPARISON OF ROMANIAN URBAN WEB SITES (F068)

Sofia Elena Colesca and Ionela Georgiana Stefan

LEVERAGING "ENTERPRISE 2.0" FOR COMPETITIVE ADVANTAGE (F197)

Jacques Bughin and James Manyika

10:40-11:10 Coffee Break

11:10-12:05 Session SRP 6.4

Virtual Communities

(Room: UTAD 1)

A METHOD FOR DETECTING ON-LINE COMMUNITIES BY SPECIFYING THEIR CHARACTERISTICS (S162)

Taro Sugahara and Hiromi Oda

SOCIAL NETWORK IDENTIFICATION BASED ON EXPLICIT AND IMPLICIT STRUCTURE OF COMMUNITY (S164)

Hiroyuki Shimizu and Hiromi Oda

THE USE OF THREE-DIMENSIONAL COLLABORATIVE VIRTUAL ENVIRONMENTS IN ENTREPRENEURSHIP EDUCATION FOR CHILDREN (R_181)

Ângela Pereira, Leonel Morgado, Paulo Martins and Benjamim Fonseca

11:10-12:40 Session FP 6.5

WWW/Internet Applications

(Room: UTAD 2)

(SMT) REAL TIME MOUSE TRACKING REGISTRATION AND VISUALIZATION TOOL FOR USABILITY EVALUATION ON WEBSITES (F128)

Luis A. Leiva Torres and Roberto Vivo Hernandez

CONNECTING SENSORS AND ROBOTS THROUGH THE INTERNET BY INTEGRATING MICROSOFT ROBOTICS STUDIO AND EMBEDDED WEB SERVICES (F235)

Oscar Almeida, Johannes Helander, Henrik Nielsen and Nishith Khantal

A COMPONENT FRAMEWORK TO SUPPORT DATA COMMUNICATION FOR VIRTUAL ENVIRONMENTS (F245)

Manuel Oliveira

11:10-12:00 Session FRP 6.6

Multimedia

(Room: UTAD 3)

IMPROVING AUTOMATIC SPEECH TRANSCRIPTION FOR MULTIMEDIA CONTENT (F183)

Masood Masoodian, Bill Rogers and Saturnino Luz

CONTEXT-BASED IMAGE RETRIEVAL A CASE STUDY IN BACKGROUND IMAGE ACCESS FOR MULTIMEDIA PRESENTATIONS (S081)

Sheng-Hao Hung, Pai-Hsun Chen, Jen-Shin Hong, and Samuel Cruz-Lara

12:30-13:45 Lunch Break

13:45 Departure to the Tour and Conference Dinner

Departure from the Conference Place towards to Régua , which is the heart of Douro Region .

Boarding at Régua Quay the cruise will go towards Pinhão , meanwhile you will be able to appreciate the magnificent views of Douro Region . Douro Region is well known by its wine. Port Wine has been produced there since 18th century and it is famous over the world for its exceptional quality.

This long tradition of viticulture has produced a cultural landscape of outstanding beauty that reflects its technological, social and economic evolution. The components of the Douro landscape are representative of the full range of activities association with winemaking - terraces, quintas (wine-producing farm complexes), villages, chapels, and roads.

The cultural landscape of the Douro is an outstanding example of a traditional European wine-producing region, reflecting the evolution of this human activity over time. On the cruise you will have the opportunity to climb up the Bagauste Dam whit a difference from the water level of 28 metres.

Once arrival in Pinhão free time will be given to have a coffee, to buy any souvenir

After this, return by bus to Regua ,where a visit to a wine cellar will be done followed by a typical dinner .

Return to Vila Real .

Sunday 7, October 2007

08:30-19:00 Welcome Desk

09:00-10:20 Session FSP 7.1
Digital Libraries and E-publishing
(Room: UTAD 1)

QUERYING A BRICKS DIGITAL LIBRARY (F176)
Nicola Aloia, Cesare Concordia and Carlo Meghini
EXPLOITING DYNAMIC VALIDATION FOR DOCUMENT LAYOUT CLASSIFICATION DURING METADATA EXTRACTION (F188)
Kurt J. Maly, Steven J. Zeil and Mohammad Zubair
MANAGEMENT AND USAGE OF LARGE PERSONAL MUSIC AND PHOTO COLLECTIONS (S185)
Sally Jo Cunningham and Masood Masoodian

09:00-10:30 Session FP 7.2
Web Engineering
(Room: UTAD 2)

WEB SERVICES: WONDER OR WOE? (F178)
Tosca Lahiri, Mark Woodman and Owen Hanson
BLACKBOARD-STYLE SERVICE COMPOSITION WITH ONTOÛSOA (F152)
Maksym Korotkiy and Jan L. Top
EVALUATION OF RANDOMIZED REPLACEMENT POLICIES FOR WEB CACHES (F037)
F. J. González-Cañete, J. Sanz-Bustamante, E. Casilari and A. Triviño-Cabrera

09:00-10:35 Session SRP 7.3
WWW/Internet Applications
(Room: UTAD 3)

DEVELOPING AN ABSTRACT REPRESENTATION FOR USER INTERFACE ELEMENTS BASED ON DATABASE METADATA (S052)
Mohammed M. Elsheh and M.J. Ridley
METHODOLOGICAL ISSUES IN ONLINE SURVEYS (S146)
Paula Vicente and Elizabeth Reis
TOWARDS THE DEVELOPMENT OF E-HEALTH IMPLEMENTATIONS IN DEVELOPING COUNTRIES (S104)
Ali Nasser Al-Solbi
MONITORING THE WI-FI NETWORK OF THE UTAD UNIVERSITY (S109)
Sandra Gonçalves, Juliana Tavares, Hugo Paredes, João Barroso and Paulo Martins
WEB SYSTEMS REQUIREMENTS FOR INDUSTRIAL BUSINESS (R240)
Ricardo Almeida

10:30-11:00 Coffee Break

11:00-12:00 Poster Session
(Room: UTAD 1)

PORTLET WRAPPERS USING JAVASCRIPT (P031)
Paul Fodor
ROBOT SERVICE CONTROLLER FOR HETEROGENEOUS ROBOTS IN UBIQUITOUS ROBOTIC COMPANIONS (P060)
Yeonjun Kim, Minyoung Kim and Aekyung Moon
CURVE SMOOTHING FOR PROGRAMMATIC COMPRESSION OF SOUND (P065)
Vitalie Scurtu
CAPE VERDIAN PEDAGOGICAL VIRTUAL MUSEUM (P087)
Maria Adriana Carvalho and Sónia Sousa
DIET EVERYWHERE - FROM A DIET ASSISTANT TO A TELEMEDICINE SOLUTION (P114)
Laurinda Fernandes, Ana Cabrita, Marco Morais, Ana Leiria and M. M. M. Moura
SEARCH IN E-LEARNING SYSTEMS WITH SEMANTIC WEB TECHNOLOGIES (P119)
Vitor Manuel Barrigão Gonçalves and Eurico Manuel Carrapatoso
SIMULATING SOCIAL NETWORKING SERVICES (P158)
Qingjie Du, Hiromi Oda and Koji Miyauchi
AN APPLICATION OF TRUST RANKING IN ONLINE COMMUNITY TO PROTECTION OF PRIVATE DATA (P159)
Koji Miyauchi
WS-MAP: A WEB-BASED SURVEY OF WEB SERVICES STANDARDS (P172)
Miguel Pardal
ASSESSMENT SYSTEM PROVIDING MEANINGFUL RESPONSES IN CASE OF INCOMPLETE OR INCONSISTENT INPUT (P198)
Sylvia Encheva and Sharil Tumin

12:00-13:00 Session K2 – Keynote Presentation
(Room: UTAD 1)

UNDERSTANDING WEB USE IN SMALL FIRMS
Professor Philip Powell, Deputy Dean, University of Bath, UK

13:00-14:30 Lunch Break

14:30 - 16:20 Session FP 7.4
XML
(Room: UTAD 1)

ENSURING THE INSTANTIATION RESULTS OF XML TEMPLATES (F038)
Falk Hartmann
SIMILARITY AND XML TECHNOLOGIES (F149)
Irena Mlynkova and Jaroslav Pokorný
STORING-UPDATING AND QUERYING MULTIDIMENSIONAL XML DOCUMENTS USING RELATIONAL DATABASES (F156)
Nikolaos Foustieris, Yannis Stavarakas and Manolis Gergatsoulis
ON THE EFFICIENT IMPLEMENTATION OF CONTEXT KEYWORD-BASED QUERYING FOR XML DATA (S238)
Michal Krátký and Radim Bača

14:30-16:30 Session FSP 7.5
Searching and Browsing // Information Visualization
(Room: UTAD 2)

EVENT-BASED TEXTUAL DOCUMENT RETRIEVAL BY USING SEMANTIC ROLE LABELING AND COREFERENCE RESOLUTION (F082)

Chia-Hung Lin, Chia-Wei Yen, Jen-Shin Hong, and Samuel Cruz-Lara

INDEXATION OF WEB PAGES BASED ON THEIR VISUAL RENDERING (S113)

Emmanuel Bruno, Nicolas Faessel and Jacques Le Maitre

ISSAI-GASSAI RSS READER: DISTRIBUTED DESIGN OF SINGLE ACTION RSS READER (S202)

Aki Kobayashi, Yasuhiro Tsuji, Yousuke Morimoto, Yosuke Takahashi, Katsunori Yamaoka and Noboru Sonehara

A SOCIO-TECHNICAL FRAMEWORK FOR VISUALISING AN OPEN KNOWLEDGE SPACE (F142)

Ossi Nykänen, Markus Mannio, Jukka Huhtamäki and Jaakko Salonen

VISUALIZATION OF CORRELATIONS AMONG DELIVERY CRITERIA IN TRANSPORT LOGISTICS (S200)

Sylvia Encheva

16:30-17:00 Coffee Break

17:00-18:50 Session FSP 7.6
Human Computer Interaction
(Room: UTAD 1)

ADAPTIVE REPRESENTATION OF GRAPH SHAPES BY MUSICAL SCALES FOR THE VISUAL IMPAIRED (F173)

Junko Shirogane, Shinsuke Asano, Kenji Tachibana, Hajime Iwata and Yoshiaki Fukazawa

MOBILE PROCESS FORMS - AN UNIFIED MESSAGING INTERFACE (S034)

Suresh Chande, Lasse Pajunen and Sameh Galal

REMOTE HEAD COUNTING AND TRACKING IN CROWDED SCENE VIA WWW/INTERNET (S075)

Hsin Chia Fu, Jian-Rong Chen and Hsiao T. Pao

CONSTRAINED TEXT-INTERFACES AS STRESSORS: MEASUREMENT OF PERCEIVED STRESS AND RELATED GENDER DIFFERENCES (S101)

Jan-Are K. Johnsen

COLLABORATIVE MEMO-BASED SYSTEM IN ACADEMIC CONFERENCE ()

Yuki Matsuoka, Ikki Ohmukai and Hideaki Takeda

17:00-18:15 Session FRP 7.7
Distributed and Parallel Applications // Database Planning and Development
(Room: UTAD 2)

IMPLEMENTING CONTEXT-SPECIFIC VIEWS TO DISTRIBUTED (RULE) DATABASES WITH FUZZY LOGIC (F141)

Ossi Nykänen

BOOTSTRAPPING INFORMATION EXTRACTION USING REGULARITY OF WEB PAGES (F046)

Norifumi Murayama, Tomoyuki Nanno and Manabu Okumura

REUSABILITY IN DATA WAREHOUSES MODELLING THROUGH A CARTRIDGE FILE APPROACH (R103)

Rui Oliveira, Paulo Martins, João Paulo Moura and Fátima Rodrigues

Monday 8, October 2007

08:30-14:30 Welcome Desk

09:00-11:10 Session FSP 8.1
E-Learning
(Room: UTAD 1)

DESIGNING EFFECTIVE E-LEARNING USER INTERFACES (F056)

David Guralnick

THE FACILITATION OF SYNCHRONOUS DISCUSSIONS IN CSCL-SYSTEMS (F063)

Andrea Kienle

E-MEDI: INTERACTIVE WEB-BASED E-TRAINING FOR BREAST IMAGING (F169)

I. Pratikakis, D. I.Kosmopoulos, V. Virvilis, A. Karahaliou, K. Vassiou, A. Damianakis and S. Perantonis

THE WEB SERVICES SELECTION OF VIRTUAL LEARNING ENVIRONMENT SERVICES (S106)

Ajlan Al Ajlan and Hussein Zedan

DESIGNING ASYNCHRONOUS COMMUNICATION SUPPORT FOR COLLABORATIVE LEARNING (S064)

Andrea Kienle

09:00-10:50 Session FSP 8.2
Semantic Web
(Room: UTAD 4)

WATSON: SUPPORTING NEXT GENERATION SEMANTIC WEB APPLICATIONS (F209)

Mathieu d'Aquin, Claudio Baldassarre, Laurian Gridinoc, Marta Sabou, Sofia Angetou and Enrico Motta

SOCIOBIBLOG: A DECENTRALIZED PLATFORM FOR SHARING BIBLIOGRAPHIC INFORMATION (F165)

Aman Shakya, Hideaki Takeda, Vilas Wuwongse and Ikki Ohmukai

INTERDATANET: A WEB OF DATA FOUNDATION FOR THE SEMANTIC WEB VISION (F092)

Maria Chiara Pettenati, Davide Chini, David Parlanti and Franco Pirri

SEMANTIC BPEL PROCESS COOPERATION (S221)

Nomane Ould Ahmed M'bareck and Samir Tata

11:00-11:30 Coffee Break

11:30-13:00 Session FSP 8.3
E-Learning // Teaching and Learning Strategies
(Room: UTAD 1)

ONLINE ASSESSMENT: SUPPORTING THE FORMATIVE ASSESSMENT OF COLLABORATIVE LEARNING ACTIVITIES (F136)

Joice Lee Otsuka and Heloisa Vieira da Rocha

STRATEGIES FOR EFFECTIVE TRANSFER OF SKILLS AND KNOW-HOW TO SMALL AND MEDIUM SIZED COMPANIES (S157)

John B. Stav, Erik Engh and Hariklia Tsalapatas

PERSONALIZED E-LEARNING IN INTERACTIVE DIGITAL TELEVISION ENVIRONMENT (S170)

Ladislav Cmolik, Zdenek Mikovec, Pavel Slavik and Bozena Mannova

AUDIO-VISUAL INFORMATION BASE SERVICES FOR SMALL AND MEDIUM SIZED ENTERPRISES (S231)

John B. Stav, Roger Bergh and Hariklia Tsalapatas

PEDAGOGICAL ASSISTANCE IN E-LEARNING CONTENT DESIGN (S134)

Narjess Touzani-Chebaane, Maha Khemaja and Rafik Braham

11:30-12:30 Session SP 8.4

Adaptive Web Systems // Web Personalization

(Room: UTAD 4)

**REUSABLE ADAPTIVE HYPERMEDIA CONTENT – THE
APPROACH BASED ON TRANSFORMATION OF THE
SOURCE DOCUMENTS (S053)**

Miroslav Bures and Ivan Jelinek

**(CONTEXT)ADAPTIVE NAVIGATION IN WEB PORTALS
(S206)**

Andreas Nauertz and Martin Welsch

PERSONALIZED WEB SERVICES COMPOSITIONS (S023)

Oriana Licchelli and Patrick Albers

13:00 Best Paper Awards Ceremony and Closing Session

(Room: UTAD 1)

*Prof. José Bulas Cruz, Pedro Isaías, Miguel Baptista Nunes and
João Barroso*