

# IADIS International Conference e-Society 2006

## CONFERENCE PROGRAM

### Thursday 13th, July 2006

08:30-19:00 Welcome Desk

09:30-10:00 Session O – Opening Session  
(Theatre LB011)

**OPENING SESSION**

*Prof. Pedro Isaías, Dr. Maggie McPherson and Prof. Frank Bannister*

10:00-11:00 Session KL1 – Keynote Presentation  
(Theatre LB011)

**E-GOVERNMENT AND ONLINE DISPUTE RESOLUTION**

*Norm Sondheimer*

*co-Director Electronic Enterprise Institute, University of Massachusetts Amherst, USA*

*Daniel Rainey*

*Director of the Office of Alternative Dispute Resolution Services for the National Mediation Board, USA*

11:00-11:30 Coffee Break

11:30-13:00 Session FP 13.1

**eLearning**

**(Collaborative Learning)**

**(Theatre LB01)**

**UTILISING CSCL COMMUNITIES TO ADVANCE PRE-SERVICE TEACHERS' KNOWLEDGE ABOUT TEACHING MATHEMATICS (F\_049)**

*Rod Nason, Chris Chalmers and Andy Yeh*

**FOSTERING LEARNING COMMUNITIES WITH GAME-BASED LEARNING (F\_061)**

*Stephan Lukosch*

**DESIGN, IMPLEMENTATION AND INITIAL EVALUATION OF A CASE-BASED COLLABORATIVE LEARNING ENVIRONMENT FOR MEDICAL EDUCATION (F\_265)**

*Ma. Pamela D. Patdu and Alvin B. Marcelo*

11:30-13:00 Session FSP 13.2

**Information Management**

**(Human Computer Interaction)**

**(Theatre LB011)**

**E-CREATIVITY: INVESTIGATING COMPUTER-SUPPORTED CREATIVITY (F\_166)**

*R. T. Jim Eales, Sophie Nichol and Dharani Perera*

**SUPPORTING PARTICIPATORY URBAN PLANNING SYSTEMS WITH MOBILE DEVICES (S\_295)**

*Teija Vainio*

**FIND THE INFORMATION YOU WANT ON THE WEB, HOW LIKELY COULD BE GET IT SUCCESSFULLY? (S\_296)**

*M<sup>a</sup> Teresa González Aparicio, Ángel Neira Álvarez and Jose Antonio López Brugos*

**USER PROFILING FROM CITIZEN WEB PORTAL ACCESSES USING THE ADAPTIVE RESONANCE THEORY NEURAL NETWORK (S\_111)**

*José D. Martín-Guerrero, Emilio Soria-Olivas, Paulo J.G. Lisboa, Alberto Palomares and Emili Balaguer-Ballester*

11:30-12:10 Session SP 13.3

**Information Management**

**(Information Search And Retrieval)**

**(Theatre LB08)**

**INCREASING RELEVANCE OF INTERNET SEARCH RESULTS USING A TOPIC NETWORK (S\_025)**

*Stephen C F Chan, Terry C H Lai, Edward K F Dang, Michael M K Chan and Cane W K Leung*

**IMPROVING WEBSITE VISIBILITY AND INFORMATION RETRIEVAL OF E-COMMERCE VENTURES: A SPECIFICATION TO PLEASE THE CRAWLERS (S\_047)**

*M. Weideman and R. Chamber*

13:00-14:30 Lunch Break

14:30-16:30 FP 13.4

**eGovernment/eGovernance**

**(eGovernment Management)**

**(Theatre LB01)**

**EGOVERNMENT: CARROT OR STICK? (F\_023)**

*Frank Bongers and Rex Arendsen*

**CONSIDERATION TO IMPROVE E-GOVERNMENT INFRASTRUCTURE (F\_116)**

*Flavio Corradini, Francesco De Angelis, Chiara Ercoli, Alberto Polzonetti and Barbara Re*

**DISTRIBUTED SERVICE AND DATA EXCHANGE: A CASE OF STUDY OF THE ECUADORIAN LEGAL SYSTEM (F\_148)**

*Sergio Ruiz and Paul A. Watters*

**POLITICAL ADMINISTRATIONS ON THE INTERNET: WHAT KIND OF TERRITORIAL NETWORK REPRESENTATION? (F\_077)**

*Guillaume Perrin and Eric Boutin*

14:30-16:30 FSP 13.5

**eLearning**

**(Curriculum Content Design & Development)**

**(Theatre LB011)**

**SERVICE LEARNING - INFORMATION TECHNOLOGY EDUCATION THROUGH COMMUNITY SERVICE (F\_027)**

*Stephen C F Chan, Vincent T Y Ng, Grace Y Y Ngai and Cane W K Leung*

**MEETING THE DIVERSE TECHNOLOGY NEEDS OF PRESERVICE ELEMENTARY TEACHERS IN A SCIENCE METHODS COURSE (F\_198)**

*Connie Doyle*

**AN INVESTIGATION INTO THE USE OF WEBLOGS FOR REFLECTION IN LEARNING (S\_270)**

*Muireann O'Keeffe, Inmaculada Arnedillo-Sánchez, Anita Flanagan*

**JAVA APPLETS TO PROMOTE ACTIVE LEARNING OF COMPUTER SCIENCE CONCEPTS (S\_121)**

*Casey W. Manion and Michael J. Quinn*

**PERSPECTIVES OF LECTURERS, STUDENTS, AND PRACTITIONERS ON INFORMATION ECONOMICS (S\_136)**

*Noa Aharony and Daphne R. Raban*

**14:30-16:40 Session FSP 13.6**  
**eLearning**  
**(Web-based Learning Communities)**  
**(Theatre LB08)**

**PRESENTING A KNOWLEDGE SUPPORT PORTLET FOR USE WITHIN COMMUNITY ORIENTED INFORMATION PORTALS (F\_089)**

*Albertus Abraham, Kruger Buitendag and Jacobus Sefanus van der Walt*

**WHAT IS AN ONLINE LEARNING COMMUNITY? (F\_181)**

*Ieda Santos and Michael Hammond*

**SOCIOLOGY OF STUDENT-CENTRED E-LEARNING COMMUNITIES: A NETWORK ANALYSIS (F\_230)**

*Andrew Laghos and Panayiotis Zaphiris*

**CITATIONS IN ONLINE PATIENT GROUPS (S\_131)**

*Roy Rada*

**MULTIMEDIA DEVELOPMENT FOR WEBSITE**

**PROMOTING THAI HERB LEARNING (S\_098)**

*Suwanna Sombunsukho*

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

**17:00-18:40 Session FSP 13.7**  
**eGovernment/eGovernance**  
**(Democracy and The Citizen) // (eProcurement)**  
**(Theatre LB01)**

**USING BALANCED SCORECARDS FOR SUPPORTING PARTICIPATION IN PUBLIC ADMINISTRATIONS (F\_277)**

*Francesco Guerra*

**ON-LINE CONSULTATION - ENHANCING THE SENSE OF CIVIC INTEGRATION AMONGST CITIZENS (F\_308)**

*Philip J. Weston*

**A DISTRIBUTED-RESPONSIBILITY ELECTRONIC VOTING SYSTEM (S\_233)**

*Alan Ward*

**IMPLEMENTATION OF THE ADAPTIVE DECISIONING FOR DECISION SUPPORT IN PROCESS (D2P) (F\_152)**

*N. M. Mohamad Noor, K.N. Papamichail and B. Warboys*

**17:00-18:30 Session FSP 13.8**

**eLearning**  
**(Virtual Learning Environments And Issues)**  
**(Theatre LB11)**

**MULTIMEDIA STORY-TELLING: ON THE CONTRIBUTION OF LIVING BOOKS TO INCIDENTAL LEARNING (F\_037)**

*Yoram Eshet*

**UNDERSTANDING LEARNERS' TRUST WITHIN AN ONLINE DISTANCE LEARNING CONTEXT (S\_094)**

*Sónia Sousa, David Lamas and Brian Hudson*

**CANADIAN NATIVE LITERACY AT A DISTANCE: CHALLENGE, INNOVATION, AND SUCCESS (S\_229)**

*Michelle Eady*

**GENDER AND LEARNING STYLE IN THE USE OF HYPERTEXT FOR READING IN AN EFL PROGRAM (S\_305)**

*Patricia Haseltine*

**17:00-18:50 Session FSP 13.9**  
**eBusiness / eCommerce**  
**(eBusiness Models)**  
**(Theatre LB08)**

**EXTENDING A WEBSHOP WITH A FUZZY CLASSIFICATION MODEL FOR ONLINE CUSTOMERS (F\_252)**

*Andreas Meier and Nicolas Werro*

**A SUBVENTION MODEL FOR THE ELECTRONIC NEWSPAPER: REQUIREMENTS AND SCENARIO ANALYSIS (F\_137)**

*Dirk Braun and Jürgen Karla*

**UNDERSTANDING BENEFITS AND IMPEDIMENTS OF B2E E-BUSINESS SYSTEMS ADOPTION: EXPERIENCE OF TWO LARGE AUSTRALIAN UNIVERSITIES (F\_269)**

*Md Mahbubur Rahim and Mohini Singh*

**A NEW MOBILE DEVICE FOR THE DISTRIBUTION OF AN ELECTRONIC NEWSPAPER (S\_158)**

*Jürgen Karla*

**Friday 14<sup>th</sup>, July 2006**

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

**09:00-10:00 Session KL2 – Keynote Session**  
**(Theatre LB04)**

**EDUCATIONAL INFORMATICS: A FORCE FOR CONVERGENCE OR CREATIVITY?**

*Professor Nigel Ford*

*University of Sheffield, United Kingdom*

**10:10-10:50 Session SP 14.1**

**eLearning**  
**(Delivery Systems And Environments)**  
**(Theatre LB04)**

**A TRAINING FILE RECOMMENDATION SYSTEM FOR THE LEARNER OF FEATURE-BASED DESIGN SYSTEMS (S\_178)**

*Li-Chieh Chen and Yen-Fu Chen*

**SACS - PILOT IMPLEMENTATION OF SYSTEM PROVIDING AICC-COMPLIANT REUSABLE ADAPTIVE HYPERMEDIA E-LEARNING CONTENT (S\_289)**

*Miroslav Bures and Ivan Jelínek*

**10:10-11:10 Session FP 14.2**

**eLearning**  
**(Educational Systems Design)**  
**(Theatre LB08)**

**RESEARCHING ADULT DISTANCE STUDENTS SATISFACTION (F\_028)**

*P Valasidou Areti, Sidiropoulos Dimitrios and Bousiou-Makridou Despina*

**EDUCATIONAL TECHNOLOGIES FOR KNOWLEDGE MANAGEMENT: SUPPORTING TEACHING COMMUNITIES OF PRACTICE (F\_115)**

*Olivera Marjanovic*

**10:10-11:10 Special Talk  
(Theatre LB11)**

**ACHIEVING SUSTAINABLE BUSINESS BENEFITS  
THROUGH OPEN SOFTWARE STANDARDS**

*Patrick Gannon*

**10:10-11:10 Session D 14.3  
Doctoral Consortium (Room 1.07)**

**COMPLEX LEARNING COMMUNITIES & EMERGENCE  
(D\_054)**

*Diane M. McDonald*

**BANK BRANCHES' PERFORMANCE EVALUATION (D\_193)**

*Fernando Alberto Freitas Ferreira*

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

**11:30-13:00 Session FSP 14.4**

**eLearning  
(Collaborative Learning)  
(Theatre LB04)**

**COMMUNITY SPACE IN COMPLEX LEARNING  
COMMUNITIES: LESSONS LEARNT (F\_070)**

*Diane M. McDonald and George R.S. Weir*

**FROM SURFACE TO MEANINGFUL COLLABORATION:  
AN ACTIVITY-THEORY PERSPECTIVE (F\_161)**

*Christian Voigt and Paula M.C. Swatman*

**E-PORTFOLIOS: SUPPORTING REFLECTION AND  
DEVELOPMENT IN EARLY TEACHER EDUCATION  
(F\_182)**

*Victor McNair and Kevin Marshall*

**11:30-13:00 Session FP 14.5**

**eLearning  
(Educational Systems Design) // (Evaluation And  
Assessment)  
(Theatre LB08)**

**THE UNIQUE FEATURES OF EDUCATIONAL VIRTUAL  
ENVIRONMENTS (F\_183)**

*Tassos A. Mikropoulos and Joan Bellou*

**MEASURED EVALUATION MODEL IN E-LEARNING  
ADAPTIVE SYSTEMS (F\_119)**

*Houda Zouari Ounaie, Yassine Jamoussi and Henda Hajjami Ben  
Ghezala*

**FACTORS AFFECTING TEACHERS' VIEWS AND  
PERCEPTIONS OF ICT IN EDUCATION (F\_189)**

*Athanassios Jimoyiannis and Vassilis Komis*

**11:30-13:00 Session FP 14.6**

**Information Systems  
(Wireless Communications) // (Ubiquitous Computing)  
(Theatre LB11)**

**AWARENESS OF WIRELESS SECURITY BY HOME AND  
BUSINESSES USERS (F\_297)**

*Carsten Maple, Helen Jacobs and Matthew Reeve*

**MOBILE TICKET CONTROL SYSTEM WITH RFID CARDS  
FOR ADMINISTERING ANNUAL SECRET ELECTIONS  
(F\_129)**

*Hans Weghorn, Cahya Kusuma Ratih, Hans Peter Grossmann,  
Dieter Hellwig, Andreas Schmeiser and Heiko Hutschenreiter*

**MOBILE LOCATION-BASED GAMING AS ENABLER FOR  
LOCATION-BASED SERVICES (LBS) (F\_071)**

*Jörg Lonthoff and Erich Ortner*

**11:30-12:50 Session FSP 14.7**

**Information Management  
(Computer-mediated Communication) // (Virtual  
Communities)  
(Room 1.20)**

**THE ASOCIAL RESPONSELESSNESS OF UNFOCUSED  
INTERACTION IN COMPUTER MEDIATED  
COMMUNICATION (F\_191)**

*Stefan Nilsson*

**A FRAMEWORK TOWARDS UNDERSTANDING  
INFLUENCES ON THE TYPOGRAPHIC QUALITY OF TEXT  
(F\_303)**

*Gerhard Bachfischer, Toni Robertson and Agnieszka Zmijewska*

**MEMBERSHIP AND ONLINE GROUPS (S\_132)**

*Roy Rada*

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

**14:30-16:30 Session SP 14.8**

**eHealth  
(Healthcare Strategies and Provision)  
(Theatre LB04)**

**PERSONAL HEALTH INFORMATION PORTALS:  
CHALLENGES OF ACCESS VS. TRUST IN E-HEALTH  
(S\_038)**

*Sharon Tabor and Rob Anson*

**TOWARDS AN INFORMAL ONLINE LEARNING  
COMMUNITY FOR STUDENT MENTAL HEALTH AT  
UNIVERSITY (S\_052)**

*Derek Richards and Brendan Tangney*

**FIRST AID INFORMATION WEBSITE IN THAI LANGUAGE  
AVAILABLE ON THE INTERNET NETWORK (S\_157)**

*Alisa Songsriwittaya, Adison Tamunnuaychoke, Jirawat Huyakorn  
and Werayuth Chumpalee*

**A PROTOTYPE SYSTEM TO ASSIST RETRAINING OF  
MEMORY IN PATIENTS SUFFERING FROM  
ALZHEIMER'S DISEASE (S\_165)**

*Gill Jones, Gillian Pearce and Ian Winchurch*

**TEXT MESSAGING AS A MEANS TO LOWERING  
BARRIERS TO HELP-SEEKING IN STUDENTS WITH  
DEPRESSION (S\_195)**

*David Joyce and Stephan Weibelzahl*

**INTEGRATING ELECTRONIC PRESCRIPTION SYSTEMS  
WITH HEALTH CARE SYSTEMS (S\_106)**

*Juha Puustjärvi and Leena Puustjärvi*

**14:30-16:30 Session FSP 14.9**

**eBusiness / eCommerce  
(eCommerce Application Fields) // (eCommerce Services)  
(Theatre LB08)**

**A COMPARATIVE STUDY ON THE ADOPTION OF E-  
BUSINESS IN THE CHINESE INFORMATION  
TECHNOLOGY INDUSTRY (S\_026)**

*Yan Deng, Jian Chen, Stephen C F Chan and Cane W K Leung*

**TOWARDS A COMMUNITY-DRIVEN 3D E-TOURISM  
ENVIRONMENT (S\_159)**

*Helmut Berger, Michael Dittenbach and Dieter Merkl*

**USING AN INTERNET ARCHIVE TO ANALYZE E  
COMMERCE TRENDS: A CASE STUDY IN THE ONLINE  
APPAREL INDUSTRY (S\_200)**

*Hsui-lin L. Winkler and Dennis Anderson*

**E-COMMERCE AND E-BUSINESS: A NEW PARADIGM OR  
OLD BUSINESS IN NEW CLOTHES? (S\_278)**

*Mike Brayshaw and Neil Gordon*

**A METHODOLOGY FOR EVALUATING THE LEVEL OF  
UBIQUITOUS COMPUTING SERVICES (S\_102)**

*Ohbyung Kwon and Jihoon Kim*

**ACCEPTANCE OF THE DIGITAL SIGNATURE IN CEE:  
FINDINGS OF A SURVEY IN FIVE COUNTRIES (S\_194)**

*Michaela Denk*

**14:30-16:00 Session SP 14.10**

**eLearning**  
**(Collaborative Learning)**  
**(Theatre LB11)**

**UNIVERSITY COLLABORATION - INTERUNIVERSITY STUDIES AND STUDENT VIRTUAL MOBILITY (S\_300)**

*Bedřich Zimola, Jan Hán and Petra Poulková*

**COLLABORATIVE LEARNING: STUDENTS' REPRESENTATIONS OF GROUP WORK (S\_272)**

*Patricia A. E. Dias Alves and António Moreira*

**THE USABILITY OF WEB-BASED COLLABORATIVE PLATFORMS AT THIRD LEVEL: A LECTURER PERSPECTIVE (S\_079)**

*James A. Redmond, Adrian Parkinson, Dudley Dolan, Catherine O'Connor, Alan Mullally and Audrey Jennings*

**COLLABORATIVE PORTAL EXAMPLE FOR EDUCATIONAL OPERATORS (S\_177)**

*Flavio Corradini, Alberto Polzonetti and Romeo Pruno*

**A NETWORKED MULTIPLAYER GAME TO FACILITATE PUPIL TO PUPIL CONTACT WITHIN THE CONTEXT OF A SCHOOL TWINNING SCHEME (S\_293)**

*Rob Manton and Carsten Maple*

**ONLINE COMMUNITY OF PRACTICE (COP) AS A COLLECTIVIST LEARNING TOOL FOR A CULTURALLY DIVERSE POSTGRADUATE STUDENT GROUP (S\_215)**

*Charmaine Ryan and Vijaya Gururajan*

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

**17:00-19:00 Session FSP 14.11**

**eGovernment/eGovernance**  
**(Social Inclusion)**  
**(Theatre LB04)**

**PUEBLO OF SANTA ANA TRIBAL COMMUNITY EMPOWERMENT: INNOVATION THROUGH WIRELESS TRIBAL GOVERNMENT SERVICE DELIVERY ON A NATIVE AMERICAN RESERVATION (F\_184)**

*Dara O'Neil and Jeff Evans*

**USING WEB FOR SOCIAL INCLUSION OF HOMELESS PEOPLE: A CASE STUDY (S\_160)**

*Martin Svihla and Ivan Jelinek*

**EXTENDING E-GOVERNMENT TO E-SOCIETY: USABILITY LESSONS FROM THE UK ID CARD TRIAL (F\_307)**

*Peter Norrington and Carsten Maple*

**CRIMINAL ACTIVITY IN CYBERSPACE, DETECTION PREVENTION AND SOCIAL RESPONSIBILITIES (S\_039)**

*Paul Wright and William Fone*

**ALHAKEN: AN INFORMATION RETRIEVAL SYSTEM FOR THE SESSION DIARIES OF THE PARLIAMENT OF ANDALUCÍA (S\_099)**

*Luis M. de Campos, Juan M. Fernández-Luna, Juan F. Huete and Sonia Linares*

**17:00-18:30 Session FP 14.12**

**Information Systems**  
**(Intelligent Agents) // (Storage Issues)**  
**(Theatre LB08)**

**INFORMED AGENTS FOR E-MARKET TRADING (F\_032)**

*John Debenham and Simeon Simoff*

**AD HOC GROUP NEED IDENTIFICATION FOR NOMADIC COMMUNITY (S\_103)**

*Ohbyung Kwon and Keunho Choi*

**DBAA/ACL - A DATABASE AGENT ARCHITECTURE AND COMMUNICATION LANGUAGE (S\_092)**

*Markus Kirchberg*

**COMPRESSION METHODS FOR ARCHIVING SCIENTIFIC QUALITY ASTRONOMICAL IMAGES (S\_084)**

*C. D. Grünler, H. Weghorn and C. C. Chibelush*

**17:00-18:50 Session FP 14.13**

**Information Management**  
**(Policy Issues) // (Social and Organizational Aspects)**  
**(Theatre LB11)**

**CONSTRUCTING THE MEANING OF DOCUMENT RETENTION: A POLICY RESEARCH AGENDA (F\_118)**

*Susan P. Williams and Catherine A. Hardy*

**POLICY FACTORS INFLUENCING CHINA'S INTERNET ACCESS MARKET (F\_133)**

*Liang Xuefeng, Zhang Rui, Li Yijun and Guo Yong*

**AN EMPIRICAL STUDY OF THE ATTITUDE OF ADULT ICTS TRAINEES TOWARD SOFTWARE PIRACY (F\_063)**

*Konstantakis Nikos, Palaigeorgiou George and Tsoukalas A. Ioannis*

**ENACTING THE E-SOCIETY (S\_130)**

*Björn Abelli*

**17:00-18:10 Session FSP 14.14**

**Information Management**  
**(Room 1.07)**

**BROADBAND IN TELEWORK, HEALTH AND SAFETY: THE USER PERSPECTIVE (F\_263)**

*Karianne Vermaas*

**ARE SOME INTERVALS BETTER THAN OTHERS? (S\_078)**

*John Byrne*

**DISTRIBUTED.MAP - APPLYING WIKIWIKI CONCEPT TO SPATIAL DATA (S\_074)**

*Piotr Gawrysiak*

**Saturday 15<sup>th</sup>, July 2006**

**08:30-16:00 Welcome Desk**

**09:00-10:00 Session KL3 - Keynote Session**  
**(Room Theatre LB01)**

**TECHNOLOGIES THAT MOTIVATE CHILDREN TO LEARN**

*Professor Cathie Norris, University of North Texas, Denton, TX, USA*

*Professor Elliot Soloway, University of Michigan, Ann Arbor, MI, USA*

**10:00-11:00 Session- Panel**  
**(Theatre LB04)**

**ONLINE CAREER MANAGEMENT**

*Moderator: Maggie McPherson*

**14:30-16:00 Posters Session**

**(Room 1.07)**

**ELEARNING: NECESSARY CHANGES IN EDUCATION (P076)**

*Pedro Pablo Sánchez-Villalón, Manuel Ortega and Asuncion Sánchez-Villalón*

**DEVELOPMENT OF EXAMINATION DESIGNERS SUPPORT SYSTEM (P150)**

*Hitoshi Sasaki and Vu Quang*

**THE EFFECTS OF GENDER AND MULTIPLE INTELLIGENCES IN LEARNING WITH DIGITAL MUSEUM (P175)**

*Peng-heng Tsai, Tien-Yu Huang and Hsungrow Chen*

**THE EFFECT OF THE COMPUTER APPLICATION ON SCIENCE ACHIEVEMENT OF THE JUNIOR HIGH SCHOOL STUDENTS (P281)**

*Yung-ta, Chang; Bij-chyi, Hwang and Chen-yung Lin*

**DEVELOPMENT OF E-LEARNING COMMUNICATION SYSTEM AMONG HEALTHCARE PROFESSIONALS (P279)**

*Mitsuhiro Takasaki, Shunzo Koizumi, Yoko Tanaka, Hiroyuki Nishiyama, Terutoshi Harada and Tadahide Totoki*

**THE GAINS OF ONTOLOGIES IN ELECTRONIC AUCTIONS (P104)**

*Juha Puustjärvi*

**AN OVERVIEW OF THE CANADIAN SURVEY OF ELECTRONIC COMMERCE AND TECHNOLOGY (P019)**

*Mark Uhrbach and Bryan van Tol*

**CACIT DEMO: COMPUTER AIDED IT PLANNING AND INTEGRATION OF DIGITAL ENTERPRISES (P065)**

*Amjad Umar*

**USE OF MULTIMEDIA TO ENHANCE EFL LEARNING IN THE UNIVERSITY CLASSROOM (P284)**

*Sister Marilyn Baker*

**SPATIAL EXTENSIONS TO QUERY-BY-EXAMPLE FOR GEOGRAPHIC INFORMATION SYSTEM QUERIES(P205)**

*Shapiee Abd Rahman and Subhash Bhall*

**AN EMPIRICAL STUDY ON THE RELATIONSHIP BETWEEN BODY KEYWORD**

**LOCATION AND SEARCH ENGINE RESULT RANKING (P238)**

*M. Weideman and R. Chambers*

**SIMPLE SEMANTIC INFORMATION SHARING BETWEEN WEBSITES IN ONE**

**KNOWLEDGE DOMAIN (P170)**

*Martin Svihla and Ivan Jelinek*

**ÁIT EILE - (ANOTHER WORLD) - SUPPORT AND COMMUNICATION FOR CHILDREN IN HOSPITAL (P033)**

*Paula Hicks, Graham Woods, Gordon Power and Jane B. Grimson*

**THE DEVELOPMENT OF E-LEARNING ENTITLED NATURAL RUBBER FOR VIRTUAL CLASSROOMS(P317)**

*Sak Kongsuwan, Potjanun Surirug and Anuvat Tongsakul*

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

**11:30-13:00 Session FSP 15.1**

**Information Systems**

**(System Architectures)**

**(Theatre LB04)**

**INTELLIGENT DECISION SUPPORT FOR ARCHITECTURE AND INTEGRATION OF NEXT GENERATION ENTERPRISES (F\_042)**

*Nauman Javed, Adnan Javed and Amjad Umar*

**AN APPROACH TO MANAGE FLEXIBLE COMPONENT-BASED APPLICATION SYSTEMS (S\_086)**

*Tobias Grollius, Jörg Lonthoff and Erich Ortner*

**PATTERNS IN DATA MODELING AND THE DYNAMIC EXTENSION PATTERN AS EXAMPLE (S\_128)**

*Birthe Böhm, Norbert Gewalt, Gerold Herold and Dieter Wißmann*

**THE INTERPRETATIONS OF INFORMATION ENGINEERS AND ARCHIVISTS IN CONSTRUCTING A DIGITAL MUSEUM (S\_140)**

*Peng-heng Tsai, Tien-Yu Huang - Hsungrow Chen*

**11:30-12:50 Session FSP 15.2**

**Information Systems**

**(Security Issues)**

**(Theatre LB08)**

**A CONCEPTUAL MODEL OF AND FRAMEWORK FOR BENCHMARKING ONLINE SECURITY (F\_283)**

*Graeme Pye and Matthew J. Warren*

**NETWORK SECURITY DESIGN FOR THE NEXT GENERATION ENTERPRISES (F\_046)**

*Adnan Javed, Kamran Khalid and Amjad Umar*

**THE DERIVATION OF A CONCEPTUAL MODEL FOR OUTSOURCING IT SECURITY (S\_302)**

*W. D.Wilde, M.J.Warren and W.Hutchinson*

**11:30-12:50 Session FP 15.3**

**eLearning**

**(eLearning Organisational Issues)**

**(Theatre LB11)**

**YOU CAN GET THERE FROM HERE: USING DISTANCE LEARNING TO FACILITATE AND ENHANCE SCHOOL IMPROVEMENT THROUGH DISTRIBUTED LEADERSHIP (F\_197)**

*Kenneth D. Jenkins, Sara O. Zimmerman and Doris M. Jenkins*

**A HYBRID MODEL FOR MANAGING ACADEMIC STAFF IN AN INTERNATIONAL ONLINE ACADEMIC PROGRAMME (F\_105)**

*Yoram M Kalman and Paul H Leng*

**ONLINE TEACHING OF LARGE GROUPS IN INFORMATION TECHNOLOGY: A SURVEY OF STRATEGIES (S\_154)**

*Agnieszka Zmijewska, Elaine Lawrence, Gordana Culjak and Julia Prior*

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

**14:30-15:30 Session FP 15.4**

**eHealth**

**(Data Security Issues )**

**(Theatre LB04)**

**AN INTEGRATED APPROACH TO WEB APPLICATION DEVELOPMENT (F\_192)**

*Sean Pollonais and Carsten Maple*

**A PARTICIPATIONAL SECURITY METHOD FOR HEALTHCARE ORGANISATIONS (F\_268)**

*M.J.Warren and S.Leitch*

**14:30-15:10 Session SP 15.5**

**Information Management**

**(Cyber Law And Intellectual Property) // (Privacy Issues)**

**(Theatre LB08)**

**COPYRIGHT ISSUES IN SECURING DIGITAL EVIDENCE (S\_311)**

*Michael E. Bright and William Fone*

**DATA PROTECTION IMPLEMENTATION: GENERAL REGULATIONS AND CASES STUDY (S\_135)**

*Messía de la Cerda, J. A. , Fernández, E. and Arévalo, G.*

**15:45 -Tour and Conference Dinner**

**Sunday 16<sup>th</sup>, July 2006**

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

**09:00-10:50 Session FSP 16.1**

**eBusiness / eCommerce**

**(eMarketing)**

**(Theatre LB04)**

**MANAGING RETURNS IN E-BUSINESS (F\_285)**

*Dushantha Dissanayake and Mohini Singh*

**DOES ETHICS MATTER TO E-CONSUMERS? (F\_312)**

*Avshalom M. Adam, Avshalom Aderet and Arik Sadeh*

**STRATEGIC INITIATIVES FOR E-BRANDING (S\_211)**

*Darren R. Hayes*

**E-MARKETING AND WEBSITE PRACTICES: A STUDY OF SMALL AUSTRALIAN WINERIES (F\_095)**

*Carmine Sellitto*

**09:00-11:00 Session FP 16.2**

**eLearning  
eLearning Organisational Issues  
(Theatre LB08)**

**PREREQUISITES AND DEVELOPMENT STRATEGY FOR SUSTAINABLE E-LEARNING PROJECTS (F\_080)**  
*Raul V. Ramirez-Velarde, Dudley Dolan and Jose R. Perez-Cazares*  
**CALCULATING THE TRUSTWORTHINESS OF WIKIPEDIA ARTICLES USING DANTE METHODOLOGY (F\_212)**  
*Pierpaolo Dondio, Stephen Barrett and Stefan Weber*  
**LEADERSHIP FOR A FORCED MARCH TO E-LEARNING: LURCHING TO THE OTHER SIDE OF THE VALLEY (F\_147)**  
*Anna McFadden and John LeBaron*  
**DIFFERENT EDUCATIONAL DELIVERY MODES: MEETING STUDENTS' NEEDS (F\_149)**  
*Christine Bruff, Bruce Cheek, Alison Dean and John Nolan*

**09:00-10:40 Session FSP 16.3**

**Information Management  
(Knowledge Management) // (Data Mining)  
(Theatre LB11)**

**UNVOICED SPEECH CONTROL BASED ON VOWELS DETECTED BY FACIAL SURFACE ELECTROMYOGRAM (F\_172)**  
*Sridhar Poosapadi Arjuman, Dinesh Kant Kumar, Wai Chee Yau and Hans Weghorn*  
**FOCUS ON AN ONTOLOGY BASED REPOSITORY (S\_058)**  
*Marcus Elzenheimer, Erich Ortner and Joachim Sternhuber*  
**IMPRECISE KNOWLEDGE MANAGEMENT IN DECISION MAKING PROBLEMS (S\_083)**  
*A. Mateos, A. Jiménez and S. Rios-Insua*  
**ANALYSIS OF CLUSTERS PERFORMANCE USING SEPARATION ACTIVES/INACTIVES AND MEAN INTER-CLUSTER DISSIMILARITY (F\_151)**  
*M. Rosmayati, A. B. Zuriana, C. A. Arifah, C. M. Noor Azliza*

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

**11:30-13:40 Session FSP 16.4**

**eGovernment/eGovernance  
(eGovernment Management) // (Accessibility)  
(Theatre LB04)**

**IMPLEMENTING E-GOVERNMENT SERVICES FOR AGRICULTURE: THE GREEK CASE (F\_187)**  
*M. Ntaliani, S. Karetos and C. Costopoulos*  
**GRID ENABLING E-GOVERNMENT THROUGH A UNIVERSAL ACCESSIBILITY GRID LAYER (F\_207)**  
*Soha Maad, Brian Coghlan, Eamonn Kenny and Pierantoni Gabriele*  
**RELIABILITY, AVAILABILITY AND SECURITY OF WIRELESS NETWORKS IN THE COMMUNITY (F\_291)**  
*Geraint Williams, Carsten Maple and Yong Yue*  
**A STANDARD METHOD OF PROFILING ACCESSIBILITY NEEDS (USING THE CAP) (S\_036)**  
*David Fournery and Jim Carter*  
**DASHGOV: DEVELOPING AN E-GOVERNMENT DASHBOARD (S\_069)**  
*Greet Jans and Pieter Verdegem*

**11:30-13:10 Session FSP 16.5**

**Information Systems  
(Software Requirements and IS Architectures) //  
(Strategies and Tendencies)  
(Theatre LB08)**

**A SURVEY ON OBJECT-ORIENTED DESIGN IMPROVEMENT (F\_219)**  
*Juan José Olmedilla Arregui*  
**COMPUTER AIDED IT PLANNING FOR THE NEXT GENERATION ENTERPRISES (F\_045)**  
*Kamran Khalid, Nauman Javed and Anjad Umar*  
**IN PURSUIT OF AN AGILE PERFORMANCE SUPPORT SYSTEM DESIGN WITH SOA AND SOFTWARE AGENTS (S\_280)**  
*Asghar Bokhari and Skip Poehlman*  
**DESIGNING AND IMPLEMENTING WWW-BASED MULTI-USER VIRTUAL ENVIRONMENT: CASE YOUTH WORK (S\_060)**  
*Anssi Jääskeläinen and Kari Heikkinen*

**11:30-13:40 Session FSP 16.6**

**eLearning  
(Collaborative Learning) // (eLearning Organisational Issues)  
(Theatre LB11)**

**A MULTI-AGENT ARCHITECTURE FOR GROUP LEARNING (F\_276)**  
*Eliane Pozzebon, Janette Cardoso, Guilherme Bittencourt and Chihab Hanachi*  
**FACILITATING COLLABORATION AMONG STUDENTS IN E-LEARNING BY SOFTWARE AGENTS (S\_031)**  
*Weidong Pan, Igor Hawryszkiewicz and Dongbei Xue*  
**EFFECTIVENESS OF WEBQUEST ON HIGHER ORDER THINKING SKILLS OF ELEMENTARY SCHOOL STUDENTS (S\_173)**  
*Mei-Ching Su and Ya-Ting Carolyn Yang*  
**AN E-LEARNING ORGANIZATION FOR ADULTS ONLY: A CASE STUDY (S\_022)**  
*P. Henry R. van Zyl and Esther H. Pais*  
**PRESENCE OF E-LEARNING IN SLOVENIAN HIGHER EDUCATION INSTITUTIONS (S\_043)**  
*Viktorija Sulčič and Dušan Lesjak*  
**A STUDY OF INNOVATIVE TRENDS ON NETWORK COMMUNICATION MODELS IN THAILAND DURING B.E. 2545-2550 (S\_145)**  
*Kalayanee Jitgarun, Jariya Neanchaleay, Rattanatip Mongkonwat, Charathip Chunkul and Anuvat Tongsakul*

**13:45 Best Paper Awards Ceremony  
and Closing Session  
(Theatre LB01)**

*Prof. Pedro Isaias and Prof. Frank Bannister*