

# IADIS International Conference Information Systems 2009

## CONFERENCE PROGRAM

**Wednesday 25<sup>th</sup>, February 2009**

**08:30-19:00 Welcome Desk**

**11:30-12:00 Session O – Opening Session  
(Room: Barcelona A)**

**OPENING SESSION**

*Prof. Pedro Isaías and Prof. Philip Powell*

**12:00-13:00 Session KL1 – Keynote Presentation  
(Room: Barcelona A)**

**INFORMATION SYSTEMS SUPPORT FOR CREATIVITY  
AND INDIVIDUALITY: HOW TO EXPECT THE  
UNEXPECTED**

*Dr Barry Eaglestone, Department of Information Studies, University  
of Sheffield, Sheffield, UK*

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

**14:30-16:50 Session FSP 25.1**

**IS Management // Power, Cultural, Behavioural and  
Political issues**

**(Room: Montjuic)**

**INTENTION TO USE CAMERA MOBILE PHONE BEFORE  
E-SHOPPING IN THE ARAB WORLD: TEST OF THE  
APPLICABILITY OF TAM 2 (F045)**

*Kamel Rouibah*

**TIME CONCEPT AND SOFTWARE PRODUCTION IN A  
CROSS-CULTURAL TEAM: A STRUCTURATIONAL  
ANALYSIS (F055)**

*Sattar Al-Haydar*

**LINKING SOFTWARE APPLICATION DEVELOPMENT  
WITH THE SOCIO-TECHNICAL ENVIRONMENT OF  
STAKEHOLDERS (F123)**

*Tony Richardson*

**BASIS OF SYSTEMS ANALYSIS METHODS FOR BUSINESS  
PROFESSIONALS (F138)**

*Takeshi Kosaka*

**A CASE OF IT STRATEGY: ACTOR NETWORK THEORY  
ANALYSIS (S087)**

*Tiko O. Iyamu and Ray M. Kekwaletswe*

**14:30-16:15 Session FSRP 25.2**

**Information Management // Knowledge Management  
(Room: Sant-Gervasi)**

**NEWS AGGREGATING SYSTEM WITH AUTOMATIC  
SUMMARIZATION BASED ON LOCAL MULTIPLE  
ALIGNMENT (F059)**

*Takaharu Takeda and Atsuhiko Takasu*

**USING WORKFLOW SYSTEM BASED ON ONTOLOGIES  
FOR BREAKDOWNS MANAGEMENT IN DOMOTIC  
INSTALLATIONS (F048)**

*Alvaro E. Prieto and Adolfo Lozano-Tello*

**SELF-ORGANIZING EDUCATIONAL CONTENT:  
FRAMEWORK, IMPLEMENTATION AND EMPIRICAL  
EVALUATION (F140)**

*Harri Ketamo*

**MANAGING COMPOUND INFORMATION USING  
INTELLIGENT AGENTS (R102)**

*Hiroshi Sugimura, Yoshiaki Takano, Yasushi Takana and Kazunori  
Matsumoto*

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

**17:00-19:30 Session Tutorial**

**(Room: Barcelona A)**

**INFORMATION RETRIEVAL IN A WORLD OF  
SCATTERED INFORMATION SOURCES**

*Paul Nieuwenhuysen*

**17:00-19:40 Session FSP 25.3**

**IS and SMEs**

**(Room: Sant-Gervasi)**

**IDENTIFYING IT GOVERNANCE BEST PRACTICES IN  
SPANISH SMALL AND MEDIUM ORGANISATIONS. (F135)**  
*José Domingo Carrillo Verdún and Alberto J. Arroyo Jávega*  
**LOCATING SEMANTIC INTEGRATION ISSUES IN AN  
ENTERPRISE INFORMATION SYSTEMS INTEGRATION  
METHOD (F104)**

*R. W. Silveira, J. A. Pastor and E. Mayol*

**ICT ADOPTION IN SMES THE RUBIK'S CUBE (F143)**

*Efstratiou Vasiliki*

**ORGANIZATIONAL ISSUES IN CRM SYSTEM  
IMPLEMENTATION PROJECTS (F034)**

*Luis H. Bibiano, Enric Mayol and Joan A. Pastor*

**THE UTILIZATION OF E-COMMERCE BY SMALL TO  
MEDIUM-SIZED ENTERPRISES: A UK PERSPECTIVE  
(S129)**

*Japhet E. Lawrence Shoichi Morimoto*

**SME INFORMATION SHARING IN EMERGING  
ECONOMIES (S029)**

*M E Burke*

# Thursday 26<sup>th</sup>, February 2009

08:30-16:30 Welcome Desk

09:00-11:10 Session FSP 26.1  
IS Learning and Teaching  
(Room: Montjuic)

**THE USE OF ERP-BASED EXERCISES IN MANAGEMENT CURRICULA (F160)**  
*Jamshed Mistry*  
**PROGRAM OUTCOMES ASSESSMENT: A NETWORK-FUZZY SYSTEM APPROACH (F073)**  
*Naoufel Werghi and Hussein Fakhry*  
**TOWARDS A PERMEABLE RESEARCH-TEACHING BOUNDARY IN UNDERGRADUATE IS EDUCATION (F099)**  
*Faouzi Kamoun and Hussein Fakhry*  
**AN EDUCATIONAL ANALYSIS OF CONSENSUS-BUILDING PROCESS IN BUSINESS DOMAIN ANALYSIS WITH CONCEPTUAL DATA MODELING (S110)**  
*Shoichi Morimoto*  
**UNDERSTANDING USABILITY CONCEPTS VIA MODEL-BASED EVALUATION (S058)**  
*Yonglei Tao*

09:00-11:10 Session FSP 26.2  
IS in Practice, Technology Infrastructures and Organisational Processes  
(Room: Sant-Gervasi)

**AN EMPIRICAL ENQUIRY INTO THE ADOPTION OF OPEN SOURCE SOFTWARE BY INDIVIDUAL USERS IN FRANCE (F072)**  
*Joseph Heili and Saïd Assar*  
**RETHINKING DE-PERIMETERISATION: PROBLEM ANALYSIS AND SOLUTIONS (F153)**  
*André van Cleeff and Roel Wieringa*  
**GUIDE FOR APPROPRIATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN SME: LM INSTRUMENTS CASE STUDY (F083)**  
*Olga Lucia Giraldo and Saulo Daza*  
**CONVEVAL: ASSESSING THE "CONVERTIBILITY LEVEL" OF AN EXISTING DOCUMENT SET (S036)**  
*Andrea Trentini*  
**PERSPECTIVES OF A BUSINESS ORGANIZATION LEADING TO AN APPROACH FOR ITS INFORMATION SYSTEM DESIGN (S049)**  
*Doji Samson Lokku and Kesav Vithal Nori*

09:00-11:20 Session FSP 26.3  
IS and Change Management // New Organisational Forms  
(Room: Eixample)

**MEASURING EFFECTS OF BUSINESS PROCESS ENGINEERING IN PUBLIC SECTOR-A CASE STUDY (F098)**  
*Neven Vrčec, Josip Brumec and Denis Ibrahimpasić*  
**FIRE EMERGENCY RESPONSE INFORMATION SYSTEM—DIGITIZED EMERGENCY PLAN FOR FIRE SAFETY OF BEIJING OLYMPIC VENUES (F053)**  
*G.F. Su, L. Yang, H.Y. Yuan and Z.H. Sun*  
**INTRA-SERVICE ADAPTABILITY FOR ECA-CENTRIC WEB SERVICES USING CONTRACT AND ASPECT (F063)**  
*Syed Saifur Rahman, Azeem Lodhi, Nasreddine Aoumeur, Claus Rautenstrauch and Gunter Saake*  
**ENLIVENMENT OF ENTERPRISES (F041)**  
*Einar Polis*  
**A REAL-TIME INTRUSION DETECTION SYSTEM USING FEATURE SELECTION METHOD (S105)**  
*Sangjae Lee, Gisung Kim and Sehun Kim*

11:00-11:30 Coffee Break

11:40-13:10 Session FSP 26.4  
IS Research  
(Room: Montjuic)

**ENRICHING PATTERNS WITH SEMANTIC ISSUES: A FORMAL APPROACH (F069)**  
*Cláudia Maria F.A.Ribeiro*  
**ANALYSIS OF DESIGN SCIENCE RESEARCH PATTERNS FROM AN ENGINEERING PERSPECTIVE (F081)**  
*Anke Gericke*  
**THE WAY WE THINK IN THE DIGITAL ERA: CHANGES OVER TIME IN DIGITAL THINKING SKILLS (F022)**  
*Yoram Eshet-Alkalai and Eran Chajut*

11:40-13:20 Session FSP 26.5  
Knowledge Management // Enterprise Application Integration  
(Room: Eixample)

**A LOW-LEVEL MODEL OF KNOWLEDGE TRANSFER (F032)**  
*Jin Tong and Robert Ayres*  
**A MODEL OF MULTIDIMENSIONAL PERSPECTIVES VARIABLE ANALYSIS FOR ORGANIZATIONAL KNOWLEDGE CREATION (F144)**  
*Othman Ibrahim, Norafida Ithnin, Rozi Nor Haizan Nor and Azra Ayue Abdul Rahman*  
**BUSINESS RULES FOR REPLICATED ENTERPRISE DATA (S037)**  
*Hendrik Decker and Francesc Muñoz-Escoi*  
**ALL SINGING FROM THE SAME SPREADSHEET: THE ROLE OF COMPANY SONGS AS MECHANISMS FOR KNOWLEDGE SHARING (S164)**  
*Con Connell, Jonathan H. Klein and Philip Powell*

13:00-14:30 Lunch Break

14:30-17:10 Session FSRP 26.6  
Information Management // Knowledge Management // Other  
(Room: Montjuic)

**ON CONTEXT-DRIVEN ONLINE SEARCH-PHRASE SUGGESTERS FOR LARGE TEXTUAL DOCUMENT REPOSITORIES (F125)**  
*Suliman Bani-Ahmad*  
**SEMANTIC COMPARISON OF KEYWORDS AGGREGATES (F156)**  
*Christian Belbèze, Max Chevalier and Chantal Soulé-Dupuy*  
**SECURE AND RELIABLE MODULAR WEB-BASED SOLUTION – INTEGRATING THE PROCESS OF GRADE SUBMISSION TO THE UNIVERSITY INFORMATION SYSTEM (S121)**  
*Zamir Dika*  
**FROM M-LEARNING TO U-LEARNING (S151)**  
*Boyinbode O.K. and Obe O.O.*  
**KNOWLEDGE ACQUISITION AND MAINTENANCE BASED ON DATA MINING WITH PREFERENCES (R090)**  
*Yasushi Tanaka, Yoshiaki Takano, Hiroshi Sugimura and Kazunori Matsumoto*  
**KNOWLEDGE MOBILISATION IN THE LIGHT OF GROUNDED COGNITION (R039)**  
*Erkki Patokorpi and Christer Carlsson*  
**ONLINE CRM (R134)**  
*Ekrem Duman*  
**EMPLOYING EMPIRICAL KNOWLEDGE IN PRACTICE (R103)**  
*Yoshiaki Takano, Yasushi Tanaka, Hiroshi Sugimura and Kazunori Matsumoto*

**14:30-17:00 Session FP 26.7**  
**IS Design, Development and Management Issues and Methodologies**  
**(Room: Sant-Gervasi)**

**USING STORYTELLING TO IMPROVE SCENARIOS (F080)**  
*Sabine Madsen and Lene Nielsen*  
**THE ROLE OF IMPROVISATION IN INFORMATION SYSTEMS DEVELOPMENT (F096)**  
*Karlheinz Kautz, Hans-Kristian Jørgensen, Casper F. Pedersen, Michael Sinnet and Sameen M. Rab*  
**TOWARDS A CONCEPTUAL CLASSIFICATION OF PUBLIC ADMINISTRATION IS/IT OUTSOURCING RESEARCH (F062)**  
*Josep M. Marco-Simó, Joan A. Pastor Collado and Rafael Macau Nadal*  
**USER VALUE DRIVEN SOFTWARE DEVELOPMENT (F031)**  
*Kumar Anand, Kesav Vithal Nori, Vemuri Chandra Sekhar Prasad, Raman Agrawalla and Nitiin Kunda Reddy*  
**COMODE: A CONTEXT-AWARE MODEL DRIVEN DEVELOPMENT FRAMEWORK (F147)**  
*Samyr Vale and Slimane Hammoudi*

**19:30 Conference Dinner**

**Friday 27<sup>th</sup>, February 2009**

**08:30-13:00 Welcome Desk**

**09:00-11:10 Session FSP 27.1**  
**IS Design, Development and Management Issues and Methodologies**  
**(Room: Barcelona B)**

**TOWARDS CUSTOMIZING UML TOOLS FOR ENTERPRISE ARCHITECTURE MODELING (F112)**  
*Darius Silingas and Rimantas Butleris*  
**STATE MACHINES AND PETRI NETS AS A FORMAL REPRESENTATION FOR SYSTEMS LIFE CYCLE MANAGEMENT (F146)**  
*Eric Simon and Kilian Stoffel*  
**COMBINING INTERACTION DESIGN AND AGILE METHODS FOR BETTER PROJECT MANAGEMENT (F142)**  
*Namgyal Damdul, Frank Keenan and Sandra Kelly*  
**AN OBSERVER'S MODEL IN INFORMATION SYSTEMS (S082)**  
*Pedro Miguel Azevedo Rocha*  
**REQUIREMENTS ANALYSIS AS A GUIDE FOR THE PROCESS OF ORGANISING AND DEVELOPING AN INTERACTIVE APPLICATION (S119)**  
*Begoña Losada, Maite Urretavizcaya, Isabel Fernandez-Castro*

**09:00-11:10 Session FSP 27.2**  
**Design and Development Methodologies and Frameworks // Risk Management in IS**  
**(Room: Eixample)**

**A THEORY ON MANAGEMENT OF SHARED OPERATIONAL PICTURES FOR COMMAND AND CONTROL SYSTEMS DESIGN (F030)**  
*Erland Jungert*  
**HUMAN-CENTRED MULTIMEDIA INTERPRETATIONES (F044)**  
*Somkiat Kitjongthawonkul*  
**KNOWLEDGE DISCOVERY USING THE KNOWMINER FRAMEWORK (F120)**  
*Werner Klieber, Vedran Sabol, Markus Muhr, Roman Kern, Georg Öttl and Michael Granitzer*  
**TACIT AND EXPLICIT KNOWLEDGE IN PROJECT EVALUATION (S148)**  
*Julian Sims, Philip Powell and Richard Vidgen*  
**SOLAR CYCLES: RISK TO THE WIRELESS INDUSTRY (S152)**  
*Houston H. Carr, Denise J. McManus, Benjamin M. Adams and Jeffrey A. Walker*

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

**11:30-12:30 Session FP 27.3**  
**Design and Development Methodologies and Frameworks // Enterprise Resource Planning**  
**(Room: Barcelona B)**

**DESIGN AND IMPLEMENTATION OF AN ERP SYSTEM FOR UNIVERSITIES (F035)**  
*Alina Andreica, Daniel Stuparu and Florina Covaci*  
**THE IMPLEMENTATION OF ERP SOFTWARE MAINTENANCE IN OPEN SOURCE PLATFORMS (F106)**  
*Muhammad Rofi Imtihan, Mohd Salihin Ngadiman and Habibollah Haron*

**11:40-13:00 Poster Session**  
**(Room: Sant Gervasi)**

**IMPACT OF INFORMATION SYSTEMS ON THE QUALITY OF MEDICAL CARE IN THE OUTER-URBAN AREA (P053)**  
*Karim Fraoua and Kamel Haddad*  
**OPTIMIZING WEB SERVICES USING TAGGED SUB OPTIMAL CODE TEXT COMPRESSION (P050)**  
*Iehab Al-Rassan and Anas Assiri*  
**PORTABLE INTELLIGENCE – ONE MORE WAY TO BE SMART (P078)**  
*Robin McKean and Julie Quansing Rowlands*

**13:00 Best Paper Awards Ceremony and Closing Session**  
**(Room: Barcelona B)**

*Prof. Pedro Isaias and Prof. Philip Powell*