

IADIS International Conference Information Systems 2010

CONFERENCE PROGRAM

Thursday 18th March 2010

08:30-19:45 Welcome Desk

**11:00-11:15 Session O – Opening Session
(Room: Régua)**

OPENING SESSION

Profs. Miguel Baptista Nunes, Philip Powell and Pedro Isaias

**11:15-13:05 Session FSP 18.1
Communities of practice and Knowledge Sharing
(Room: Régua)**

**MAKING SENSE OF ARGUMENTATION-BASED
KNOWLEDGE: THE LOST ON THE MOON EXPERIMENT
(F042)**

Teppo Räisänen and Harri Oinas-Kukkonen

**KNOWLEDGE SHARING AS A FUNCTION OF CONTEXT
AND SOCIAL PRESENCE AWARENESS (F184)**

Ray M. Kekwaletswe

**GEOSPATIAL OPEN SOURCE SOFTWARE IN
DEVELOPING COUNTRIES: “ADVICE” KNOWLEDGE
BASE FRAMEWORK FOR BUILDING “CRITICAL MASS”
OF ADOPTERS (F053)**

Zeferino Benjamim Saugene

**LOWERING THE BARRIERS TO KNOWLEDGE SHARING
THROUGH DOMAIN MODELLING (S166)**

Hilary Dexter and Tom Franklin

**11:15-13:00 Session FSRP 18.2
IS Learning and Teaching // Pedagogic practice in
Teaching IS
(Room: Pocinho)**

**HARD FACTS, SOFT SKILLS? BUSINESS INFORMATICS
CURRICULA REVIEWED FOR SUPPORTING A HOLISTIC
VIEW ON PEOPLE, IT & ORGANIZATION (F061)**

Stefan Eicker, Sabine Pniewski and Peter M. Schuler

**DEVELOPMENT AND IMPLEMENTATION OF A CONCEPT
FOR E-LEARNING FOR BAVARIAN REALSCHULE (S152)**

Christopher Oberle and Martin Loder

**A PROPOSAL FOR BLENDED-LEARNING AT
UNIVERSITY. TRAINING SOCIAL EDUCATORS FOR
WORKING AGAINST EXCLUSION (S108)**

Carlos Rodríguez-Hoyos

**INFORMATION SYSTEM APPLIED IN ACADEMIC
CURRICULUM BASED ON SAP USE (S159)**

*Paulo Marcotti, Alessandra Bautista da Costa, Ewerton Santos Silva
and Leandro Sumida Garcia*

**DISCOVERING THE NEXT LEVEL: AN IT COLLEGE
QUALITY ASSURANCE INVESTIGATION (R039)**

*Gregory Skulmoski, Azzedine Lansari, Mohammed Lakhim and
Nadhera Al Nasser*

13:00-14:30 Lunch Break

**14:30-16:30 Session FSP 18.3
IS in Practice, Technology Infrastructures and
Organisational Processes
(Room: Régua)**

**COGNITIVE MAPPING TECHNIQUES - A REVIEW AND A
COMPARATIVE ANALYSIS (F064)**

Andreia Carneiro Teixeira Dias Pereira and Flávia Maria Santoro

**ENHANCING THE COLLABORATIVE DECISION MAKING
PROCESS BY USING RICH CONTEXT (F045)**

Francisco Falcão Reis, Gabriel Pestana and João Damásio

**IDENTITY IN PRACTICE AND IMPLEMENTATION OF A
COMPUTER BASED HEALTH MANAGEMENT
INFORMATION SYSTEM : A CASE STUDY IN ETHIOPIA
(F065)**

Birkinesh Woldeyohannes Lagebo

**ADVANCED REPRESENTATIVE AND DYNAMIC USER
PROFILE BASED ON MCDM FOR MULTI-CRITERIA RS
(F160)**

Pakapon Tangphoklang, Saranya Maneeroj and Atsuhiko Takasu

**14:30-16:45 Session FSRP 18.4
Information Management // Knowledge Management
(Room: Pocinho)**

**INFORMATION SYSTEMS SECURITY POLICIES: A
SURVEY IN PORTUGUESE PUBLIC ADMINISTRATION
(F101)**

Isabel Maria Lopes and Filipe de Sá-Soares

**THE SUPPLY SIDE OF INFORMATION DEMAND:
ORGANISATIONAL AND TECHNICAL MEASURES FOR
DEMAND ORIENTED INFORMATION SUPPLY (F060)**

Muhammad Tahir Khan and Banafsheh Khademhosseinieh

**A NEW APPROACH TO QUERY CONSTRUCTION IN
SEMANTIC GUIDED SYSTEMS (S107)**

Sara Paiva and Manuel Ramos Cabrer

**IMPROVING CONSUMER DECISIONS THROUGH
PREFERENCE RELAXATION (S051)**

Maciej Dabrowski and Thomas Acton

**INTERACTIVE AUDIENCE SELECTION TOOL FOR
DISTRIBUTING A MOBILE CAMPAIGN (S162)**

Talya Porat, Lihi Naamani-Dery, Lior Rokach and Bracha Shapira

**HINTS DRIVEN KNOWLEDGE DISCOVERY AND
MANAGEMENT (R106)**

Hiroshi Sugimura and Kazunori Matsumoto

16:45-17:15 Coffee Break

**16:45-17:45 Poster session
(Room: Hall)**

PROBLEMS FACED IN ONLINE LIFE INSURANCE CONTRACTS: EXISTING AND IDEAL WEB INTERFACE (P094)

Akira Ide

SUPPORTING INFORMATION SEEKING: COLLECTIVE INTELLIGENCE APPROACH (P097)

Yuichi Osato, Hiroshi Sugimura and Kazunori Matsumoto

ERP SUCCESS MODELL – ADOPTING THE ISSM FOR SME REQUIREMENTS (P115)

Hans-Peter Steinbacher

ANALYSIS PERFORMANCE EVALUATION OF MOODLE IN E-LEARNING ENVIRONMENT COMPRISING OF SHARABLE CONTENT OBJECT REFERENCE MODEL FEATURES AT COMMUNITY COLLEGE (P148)

Hasnain Zafar Baloch

INFORMATION TECHNOLOGY: INTERACTION WITH ECONOMIC DEVELOPMENT (P151)

Sul Kassicieh, Raul Gouvea and Raphael Grosso

17:15-19:40 Session FSRP 18.5

IS Research

(Room: Régua)

INTEGRATING QUANTITATIVE AND QUALITATIVE RESEARCH METHODS: A PRACTICAL APPLICATION IN THE CONTEXT OF IS RESEARCH (F079)

Japhet E. Lawrence

USING INTERPRETIVE PARADIGM AND CAQDAS IN EXECUTIVE INFORMATION SYSTEMS RESEARCH (F132)

Vincent Koon Ong, Yanqing Duan and Brian Mathews

DEVELOPING PMIS FOR BUSINESS PROJECTS BASED ON SOCIAL SCIENCE RESEARCH FINDINGS & ONTOLOGY MODELLING (F129)

Siaw Ming Wong, Jean-Yves Lafaye and Patrice Boursier

CRITERIA FOR EVALUATING THE QUALITY OF QUALITATIVE INFORMATION SYSTEMS RESEARCH (S085)

Mohanad Halaweh

A RESEARCH DESIGN FOR AN INFORMATION SYSTEMS PUBLIC PROCUREMENT CASE (S179)

Josep M. Marco-Simó, Joan A. Pastor Collado and Rafael Macau Nadal

AN ONTOLOGY BASED APPROACH TO SEMANTICALLY STRUCTURE DATA IN SECURITY INFORMATION SYSTEMS (R110)

Teresa Pereira and Henrique Santos

17:30-19:30 Session 18.6– Doctoral Consortium

(Room: Tua)

ADDRESSING THE BILLING NEEDS FOR THE INTERNET OF SERVICES AND THINGS (D109)

Igor Ruiz-Agundez, Pablo Garcia Bringas and Yoseba K. Penya

SUCCESSFUL E-LEARNING? A MULTIDISCIPLINARY LITERATURE REVIEW ON E-LEARNING SUCCESS (D146)

Bernd Hilgarth

KNOWLEDGE SHARING IN NON PROFIT-MAKING ORGANISATIONS (D172)

Penny Hart

08:30-16:30 Welcome Desk

09:00-11:15 Session FRP 19.1

Knowledge Management

(Room: Pocinho)

A NEW SUPERVISED LEARNING ALGORITHM USING NAÏVE BAYESIAN CLASSIFIER (F028)

Dewan Md. Farid, Jerome Darmont, Nouria Harbi and Chowdhury Mofizur Rahman

USING AND SHARING LOCALLY GENERATED INFORMATION FOR ACTION: THE CASE FROM THREE DEVELOPING COUNTRIES (F120)

Dantew Zufan, Kanjo Chipu, Kaasbøll Jens and Williamson Louisa

KNOWLEDGE MANAGEMENT IN SOFTWARE DEVELOPMENT INDUSTRY (F175)

Olga Fedotova, Leonor Teixeira and Helena Avelos

IDENTIFYING KNOWLEDGE SHARING BARRIERS IN INTERPROFESSIONAL HEALTHCARE COLLABORATION OF TRADITIONAL AND WESTERN MEDICINE IN CHINA (F189)

Lihong Zhou, Ana Cristina Vasconcelos and Miguel Baptista Nunes

ORGANIZATIONAL MEMORY: A PROPOSAL FOR DIAGNOSIS AND INTERVENTION (R074)

Luis Pestana Mourão

09:00-11:10 Session FSP 19.2

Innovation and IS // Innovation and Knowledge Management

(Room: Régua)

AN ARCHITECTURAL TOOL FOR MANAGING INNOVATION (F031)

George R. Ribeiro-Justo

FACTORS FOR HARNESSING INNOVATION: LESSONS FROM A HYBRID OPEN SOURCE SOFTWARE PROJECT (F118)

Zegaye Seifu Wubishet

KNOWLEDGE-BASED AID FOR THERAPEUTIC INTERVENTION (F169)

K.E. Burn-Thornton and T. Burman

INNOVATIVE INTRANET SOLUTION BY COMBINING ECM AND WIKI TECHNOLOGIES (S131)

Irina Deines and Dirk Krechel

HETEROGENEOUS IT LANDSCAPES IN INNOVATION PROCESSES – AN EMPIRICAL ANALYSIS OF INTEGRATION APPROACHES (S121)

Heiner Lasi, Philip Hollstein and Hans-Georg Kemper

09:00-11:05 Session FSRP 19.3

IS Research Constraints, Limitations and Opportunities // IS vs Computer Science Research // Other

(Room: Mosteiro)

USING IT, IT PROFICIENCY AND APPROACHES TO IT (F035)

Helle Mathiasen and Camilla Kolsen de Wit

TRUST-BASED HOTSPOT SELECTION (F155)

Xavier Titi, Tewfiq El Maliki and Jean-Marc Seigneur

INTERVIEW GUIDE DEVELOPMENT FOR STUDYING INFORMATION SYSTEMS PROCESSES: A GROUNDED THEORY MODE OF UNDERSTANDING (F188)

Jorge Tiago Martins and Miguel Baptista Nunes

PARACONSISTENT FUZZY DEONTIC LOGIC FOR EXPERT SYSTEM (S111)

Paulo Marcotti, Felipe Afonso de Almeida, Mauricio Simões Abrão,

Alander Pereira dos Santos and Angela Gutierrez Marcotti

REEVALUATING THE CONCEPT OF TIME PRESSURE (R063)

Anna Dabrowska and Thomas Acton

11:00-11:30 Coffee Break

11:30-12:55 Session FSRP 19.4
Enterprise Resource Planning // Business Process Change
(Room: Régua)

CHALLENGING AND EXPLORING THE ENTERPRISE SYSTEMS GOVERNANCE STRATEGY (F125)
Redouane EL Amrani
OPERATIONALIZATION OF FLEXIBILITY IN BUSINESS PROCESS MANAGEMENT (S040)
Stefan Eicker, Annett Nagel and Peter M. Schuler
ESTIMATION OF FUTURE BROADBAND INFRASTRUCTURE REQUIREMENTS (S181)
Jeffrey L. Duffany
CUSTOMIZATION OF SOFTWARE PACKAGES – TECHNOLOGY AND BUSINESS PROCESS PERSPECTIVES (R173)
Jędrzej Wieczorkowski and Przemysław Polak

11:30-13:00 Session FSP 19.5
IS Learning and Teaching
(Room: Mosteiro)

GROUP STORYTELLING IN ORGANIZATIONAL TRAINING (F049)
Ricardo Tulio Gandelman and Flávia Maria Santoro
A LIGHT-WEIGHT FRAMEWORK FOR INCLUDING INDIVIDUAL STYLES IN E-LEARNING TOOLS (S020)
Nicholas Caporusso
THE DYNAMIC BEHAVIOR OF INFORMATION SYSTEMS PROGRAMS WITH LEARNING OUTCOMES ASSESSMENT FEEDBACK (S133)
Hussein H. Fakhry
SUPPORTING INFORMATION SYSTEMS EDUCATION WITH AN OPEN SOA LABORATORY (S156)
Norman Wilde, John Coffey, Sharon Simmons, Anthony Pinto and Eric Daniels

13:00-14:30 Lunch Break

14:30-15:30 Session KL1 – Keynote Presentation
(Room: Pinhão)

KNOWLEDGE CREATION AND KNOWLEDGE MANAGEMENT IN INTER-ORGANIZATIONAL INNOVATION NETWORKS
By Professor Dr. Claudia Loebbecke, Chaired Professor of Business, Media and Technology Management, University of Cologne, Germany

15:45 Conference Tour and Dinner

A panoramic tour through Oporto and Vila Nova de Gaia by bus, a visit to the Port Wine Cellars followed by a Portuguese dinner

08:30-14:30 Welcome Desk

09:10-11:00 Session FSP 20.1
Ethical, social, privacy, security and moral issues in an e-society // Power, Cultural, Behavioural and Political issues
(Room: Tua)

A FUZZY CLASSIFICATION APPROACH TO ASSESS E-COMMERCE SECURITY PERCEPTION (F153)
Faouzi Kamoun and Mohanad Halaweh
PSYCHOLOGICAL CONSIDERATIONS IN SOCIAL ENGINEERING - THE “Ψ-WALL” AS DEFENSE (F059)
Evangelos D. Frangopoulos, Mariki M. Eloff and Lucas M. Venter
POWER IMBALANCES AND IS IMPLEMENTATION: A CASE OF INTEGRATED HEALTH MANAGEMENT INFORMATION SYSTEM IN ZANZIBAR (F058)
Yahya Hamad Sheikh
PRIVACY PRESERVATION OF AFFINITIES IN SOCIAL NETWORKS (S123)
Lian Liu, Jinze Liu, Jun Zhang and Jie Wang

09:10-11:00 Session FSP 20.2
Design and Development Methodologies and Frameworks // Other
(Room: Mosteiro)

A DATA ENVELOPMENT ANALYSIS APPROACH FOR EVALUATING EFFICIENCY OF THE EXTREME PROGRAMMING SYSTEM DEVELOPMENT METHODOLOGY (F096)
G.P. De Jager, H.M. Huisman and H.A. Kruger
NARRATIVE MAPS: CONCEPTION AND EVALUATION IN GAME STORYTELLING (S103)
Leo Falcão and André Marques Neves
GUI PROTOTYPE GENERATION BASED ON AN MDA PROCESS (S167)
Junko Shirogane, Hiroshi Mukaeda, Hajime Iwata and Yoshiaki Fukazawa
STRATEGIC AND TACTICAL ANTECEDENTS IN IT ALIGNMENT: EVIDENCE ON CATALAN SME (S050)
Montserrat Griñó and Francesc Miralles
DESIGN TECHNIQUES IN PROCESSING HIERARCHICAL STRUCTURES AT DATABASE LEVEL (S154)
Alina Bianca Andreica, Daniel Stuparu and Călin Miu

10:10-11:10 Session SP 20.3
IS Management
(Room: Pocinho)

THE IMPORTANCE OF ORGANIZATIONAL PERCEPTION IN DECISION-TAKING IN AN INFORMATION SYSTEM PROJECT: A THEORETICAL ANALYSIS AND A CASE-STUDY (S084)
Dorota Leszczyńska and Laurence Saglietto
EFFECT OF INDIVIDUAL CULTURAL ATTRIBUTES ON IT PROFESSIONALS’ TURNOVER INTENTION (S091)
Jordi Trabado and Francesc Miralles
MULTIDIMENSIONAL VALUE OF ENTERPRISE ARCHITECTURES (S128)
Luis Silva Rodrigues and Luis Amaral

11:00-11:30 Coffee Break

11:30-13:00 Session FP 20.4

IS Design, Development and Management Issues and Methodologies

(Room: Tua)

OPERATIONAL EXCELLENT APPLICATION MANAGEMENT: A CASE STUDY AT AN INSURANCE COMPANY (F069)

Johan Versendaal, Bas van Gils and Wil Janssen

TOWARDS A FRAMEWORK FOR ACADEMIC-PRACTITIONER COLLABORATIVE RESEARCH IN CO-PRODUCTION (F126)

Marie-Therese Christiansson

WHAT MAKES CONSUMERS ADOPT ONLINE SHOPPING? A FRAMEWORK OF DECISION MAKING PROCESS (F086)

Akram M.S. and Akram A.

11:30-12:50 Session FSP 20.5

IS Management

(Room: Mosteiro)

ITIL CONFORM TRANSITION OF DEVELOPMENT PROJECTS INTO IT OPERATIONS (F018)

Georg Disterer

INFORMATION SYSTEMS OUTSOURCING ISSUES IN THE COMMUNICATION TECHNOLOGY SECTOR (F081)

Hanlie Smuts, Paula Kotzé, Alta van der Merwe and Marianne

Loock

A DISCUSSION ON A FRAMEWORK OF PROJECT MANAGEMENT PATTERNS TO PREVENT SCHEDULE DELAY CAUSED BY REQUIREMENTS ELICITATION (S163)

Shozo Hori, Takako Nakatani, Keiichi Katamine, Naoyasu Ubayashi and Masaaki Hashimoto

13:00 Best Paper Awards Ceremony and Closing Session

(Room: Tua)

Profs. Miguel Baptista Nunes, Philip Powell and Pedro Isaiás