

IADIS International Conference Information Systems 2010

PRELIMINARY CONFERENCE PROGRAM

Thursday 18th March 2010

08:30-19:45 Welcome Desk

**11:15-11:30 Session O – Opening Session
(Room: Régua)**

OPENING SESSION

Profs. Pedro Isaias, Philip Powell and Miguel Baptista Nunes

**11:30-13:20 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

**11:30-13:15 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

**14:30-16:50 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

**USING IRIS ENCRYPTION AUTHENTICATION IN MOBILE
WEB SERVICES (S029)**

Arwa Al-Hussain and Ihab Al-Rassan

**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 Khademhosseini

**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

**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

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

**17:30-19:30 Session 18.6– Doctoral Consortium
(Room: Pocinho)**

Friday 19th March 2010

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)

Damtew Zufan, Kanjo Chipu, Kaasbøll Jens and Williamson Louisa
KNOWLEDGE MANAGEMENT IN SOFTWARE DEVELOPMENT INDUSTRY (F175)

Olga Fedotova, Leonor Teixeira and Helena Alvelos

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: Pinhão)**

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: Pinhão)**

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

Saturday 20th March 2010

08:30-14:15 Welcome Desk

09:00-10:50 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

09:00-10:50 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

11:30-14:00 Session FP 20.4

**IS Design, Development and Management Issues and
Methodologies**

(Room: Tua)

**IT-OFFSHORE-SCORE-TREE: AN EXECUTIVE
INFORMATION SYSTEM FOR IT-OFFSHORE- PROJECTS
(F034)**

Wolfgang Giessmann, Marco Mevius and Rolf Stephan

**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.

**INTEGRATED SYSTEMS FOR PRODUCT DESIGN: THE
MOVE TOWARD OUTSOURCING (F093)**

Angelo Corallo, Mariangela Lazoi, Nouha Taifi and Giuseppina Passiante

11:40-13:00 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 Looock

**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

14:00 Best Paper Awards Ceremony and Closing Session

(Room: Tua)

Profs. Pedro Isaías, Philip Powell and Miguel Baptista Nunes