

IADIS International e-Society 2013

CONFERENCE PROGRAM

Wednesday 13th, March 2013

08:30-19:40 Welcome Desk

09:45-10:00 Session O – Opening Session
(Room: Londres A+B)

OPENING SESSION

Prof. Piet Kommers

10:00-11:00 Session KL1 – Keynote Presentation
(Room: Londres A+B)

"TOWARDS INFORMAL-FORMAL PROFESSIONAL DEVELOPMENT NETWORKS"

Professor Maarten de Laat, LOOK, Open Universiteit Nederland, The Netherlands

11:00 – 11:30 Coffee Break

11:30-13:10 Session FSP 13.1

Evaluation and Assessment // Virtual Learning Environments and Issues

(Room: Londres A+B)

Chair: Maarten de Laat

DEBRIEFING WITH R-STATISTICS AND SUPPORT FOR SYSTEM DYNAMICS MODELING OF INTER REGIONAL SECURITY (F290)

Knut Ekker, Viveca Asproth and Stig C. Holmberg

LEARNING FROM EVALUATION: THE RELEVANCE OF AN EVALUATION STRATEGY TO THE VOLUNTARY ADOPTION OF E-INITIATIVES (F296)

Mark Liptrott

ANALYSIS AND COMPARISON OF EXISTING MATURITY MODELS FOR BUSINESS PROCESSES (S265)

Lisa Hamann, Gerrit Tamm and Sascha Kämpfer

INITIAL EVALUATION OF A CLINICAL SIMULATION APPLICATION FOR NURSING EDUCATION (S283)

Daniel Cliburn, Xinxin Li, Christopher Trondsen, Shawn Kerns and Kristin Lee

13:00-14:30 – Lunch Break

14:30-15:20 Session FSP 13.2

eSociety and Digital Divide // E-Citizenship and Inclusion
(Room: Londres A+B)

Chair: Daniel Cliburn

INFORMATION SOCIETY IN CROATIA: LANDSCAPES OF KNOWLEDGE FOR DIGITAL INCLUSION: E-ISLAND PROJECT (F301)

Jorge Ricardo da Costa Ferreira

PROGRESS ON DIGITAL INCLUSION THROUGH THE CYBER-EDUCATIVES IN SOUTHERN PATAGONIA (S348)

Alexandra Lizana, Victoria Marín, Jesús Salinas and Iñaki Salinas

14:30-15:20 Posters Session

(Room: Madrid A+B)

Chair: Piet Kommers

RELATIONSHIP BETWEEN SOCIAL PRESENCE AND COURSE EVALUATION RESULTS FOR EACH LECTURE OF AN OMNIBUS CLASS IN A DISTANCE LEARNING ENVIRONMENT (P272)

Hideya Matsukawa and Hiroki Iwai

SOCIAL NETWORKING FOR THE CONSTRUCTION OF COLLABORATIVE E-LEARNING ENVIRONMENTS (P303)

Timothy Arndt

LINKED DATA FOR ACCESSIBILITY: FROM TECHNIQUES TO USERS (P322)

Chaohai Ding, Mike Wald and Gary B. Wills

COMPARATIVE ANALYSIS OF DIFFERENT LECTURES USING ITEM RESPONSE THEORY FOR INSTRUCTIONAL IMPROVEMENT (P372)

Hitoshi Inoue, Takahiro Tagawa and Takahiro Sumiya

15:30-16:30 Session SP 13.3

eHealth

(Room: Londres A+B)

Chair: Thomas Zefferer

TELEMEDICALLY AUGMENTED PALLIATIVE CARE: EMPOWERMENT FOR PATIENTS WITH ADVANCED CANCER AND THEIR FAMILY CAREGIVERS (S306)

Romina Nemecek, Stefanie Weber, Barbara Hofer, Patrick Huber, Herbert Watzke and Michael Binder

TELE-HEALTH AND NEUROMUSCULAR DISEASES (S342)
Esther Lázaro, Imanol Amayra, Juan Francisco López-Paz, Amaia Jometón, Oscar Martínez and Imanol Pèrez

TOWARD A FRAMEWORK FOR DATA QUALITY IN ELECTRONIC HEALTH RECORD (S364)

Omar Almutiry, Gary Wills and Richard Crowder

16:30-17:00 – Coffee Break

17:00-19:40 Session FSP 13.4

Collaborative Learning

(Room: Londres A+B)

Chair: Timothy Arndt

EVALUATING STUDENTS' EXPERIENCES WITH WIKI-BASED COLLABORATIVE WRITING IN TEACHER EDUCATION (F275)

Said Hadjerrout

THE FUTURE OF E-LEARNING (F298)

Simone Deslarzes and Emily Grandjean

ESTIMATION OF LEARNERS' COMPREHENSION LEVEL IN QUESTION-POSING LEARNING (F308)

Yuta Ito, Yuki Hirai, Keiichi Kaneko, Ayami Nomura and Atsuo Hazeyama

DESIGN COLLABORATION MECHANISMS FOR MEDIAWIKI (F312)

Sumonta Kasemvilas and Lorne Oljman

GERONTECHNOLOGY VERSUS SOCIAL ACCELERATION: AN ETHICAL CHALLENGE (S369)

Lionel Ben-Ahmed, Juliette Sablier, Bertrand Boudin and Vincent Rialle

E-LEARNING PRACTICE-ORIENTED TRAINING IN PHYSICS: THE COMPETENCE ASSESSMENT (S386)

Titova O.V. and Kravets A.G.

Thursday 14th, March 2013

08:30-15:30 Welcome Desk

09:30-11:00 Session FSP 14.1

Privacy Issues // IS Security Issues // Payment Systems
(Room: Londres A+B)

Chair: *Debora Jeske*

A SURVEY AND ANALYSIS OF NFC BASED PAYMENT SOLUTIONS FOR SMARTPHONES (F365)

Thomas Zefferer

SHOULD SOCIAL NETWORK USERS BE CONCERNED ABOUT PRIVACY ISSUES? (S323)

S. Srinivasan

A DEPENDABILITY ANALYSIS OF SMART CARDS FOR BIOMETRIC AUTHENTICATION (S347)

Kensuke Baba and Serina Egawa

EXTENDED CROWDS WITH ADJUSTABLE RECEIVER ANONYMITY (S355)

Raphael Wigoutschnigg, Peter Schartner and Stefan Rass

11:00 – 11:30 – Coffee Break

11:30-13:00 Session FP 14.2

eHealth

(Room: Londres A+B)

Chair: *Piet Kommers*

IMPLEMENTATION OF E-HEALTH RECORDS FOR VIABLE HEALTH CARE IN MEDICAL COLLABORATION AND CONSULTATION SYSTEMS (F258)

Hussein Karam Hussein Abd El-Sattar

INVESTING IN E_HEALTH: EVALUATING EHR SYSTEMS (F327)

Renata Paola Dameri

INFORMATION FLOW CONTROL FOR A MEDICAL WEB PORTAL (F293)

Thomas F. J.-M. Pasquier, Brian Shand and Jean M. Bacon

13:00-14:30 – Lunch Break

14:30-15:30 Session FP 14.3

Virtual Reality

(Room: Londres A+B)

Chair: *Neil Gordon*

ROBOTICS IN SURGERY: DESIGNING A SIMULATOR-BASED TRAINING CURRICULUM (F277)

Dimitris Alimisis, Maria-Anna Fengou and Emmanouil Zoulias

E-MOTION1.0: A VIRTUAL SERIOUS GAME TO ASSESS THEORY OF MIND IN CHILDREN (F337)

Esther Lázaro, Imanol Amayra, Juan Francisco López-Paz, Amaia Jometón, Imanol Pèrez and Mireia Oliva

15:30 – Conference Tour and Dinner

Friday 15th, March 2013

08:30-19:30 Welcome Desk

08:50-11:00 Session FSP 15.1

eSociety and Digital Divide // New Media and E-Society
(Room: Madrid A)

Chair: *Said Hadjerrouit*

INCORPORATING NEW MEDIA IN HUMAN TO HUMAN COMMUNICATION – THE CASE OF OCCASIONAL GREETINGS (F318)

Przemyslaw Polak

TOWARDS THE DEMOCRACY OF KNOWLEDGE:

BRINGING GENDER DIVERSITY TO WIKIPEDIA (S329)

Ilona Buchem, Antje Ducki, Nils Weichert and Julia Kloppenburg

US AND THEM: IS THE FUTURE REALLY DIFFERENT? (S383)

Mike Brayshaw and Neil Gordon

MOBILE VOTING IN THE EGYPTIAN CONTEXT (S264)

Hend El-Shoubashy and Rasha Abdel Aziz

NARBS AND PROFILES: USING NARRATIVE BITS OF SOCIAL MEDIA TO CREATE AN IDENTITY PROFILE (S255)

Ananda Mitra

TELEHOMECARE: A CARE SOLUTION FOR HEART

FAILURE PATIENTS OF NORTHWESTERN ONTARIO

(S385)

Gwen Third, Dona Ree and S. Zaki Ahmed

09:30-11:00 Session FP 15.2

Information Management

(Room: Madrid B)

Chair: *Elissaveta Gourova*

PASSING AND PASSING ON IN THE DIGITAL WORLD (F267)

Elke Brucker-Kley, Thomas Keller, Lukas Kurtz, Kurt Pärli, Claudia Pedron, Matthias Schweizer and Melanie Studer

APPLYING A KDD PROCESS IN AN ORAL PUBLIC HEALTH UNIT AT RIO GRANDE DO SUL, BRAZIL (F363)

Luciano Costa Blomberg, Rodrigo Coelho Barros, José Antônio Poli de Figueiredo and Duncan Dubugras Alcoba Ruiz

EFFECT OF MONITORING TECHNIQUES ON JOB ATTITUDES, CONTROL, INTENTIONS AND BEHAVIORS AT WORK (F395)

Debora Jeske and Alecia M. Santuzzi

11:00-11:30 – Coffee Break

11:30-12:50 Session FSP 15.3

eMarketing

(Room: Madrid A)

Chair: *Knut Ekker*

SITUATIONALIZATION, THE NEW ROAD TO ADAPTIVE DIGITAL-OUT-OF-HOME ADVERTISING (F295)

Peter Lasinger and Christine Bauer

HOW COUPLES MAKE DECISIONS ABOUT NA ONLINE PURCHASE: BUYING EVENT TICKETS (F384)

Abdelouahab Mekki Berrada

A MARKETING CHALLENGE OF INTERNATIONAL E-RETAILING: A CASE OF SMES IN THE OULU REGION, FINLAND (S368)

Helena Ahola, Sinikka Suutari, Taina Vuorela

11:30-13:10 Session FSP 15.4
Information Systems // Ubiquitous Computing
(Room: Madrid B)
Chair: Deborah Moraes Zouain

SECURE AND EFFICIENT PROCESSING OF ELECTRONIC DOCUMENTS IN THE CLOUD (F321)
Klaus Stranacher, Bernd Zwattendorfer, Vesna Krnjic
CROWD BASED SHOPPING WITH THE ANGEL RING (F276)
Erion Elmasllari and René Reiners
RESEARCH ON TRUST MANAGEMENT MANNER FOR PEER-TO-PEER OVERLAY NETWORK SERVICES (S344)
Takeshi Tsuchiya, Tadashi Miyosawa, Hiroo Hirose, Masao Okuhara and Keiichi Koyanagi
AUTOMATIC PEDESTRIAN LIGHT RECOGNITION SYSTEM DESIGNED TO ASSIST WALKING OF VISUALLY IMPAIRED PEOPLE (S304)
Hiroki Ogawa and Osamu Uchida

11:30-12:20 Session FSP 15.5
Data Mining (Room: Madrid C)
Chair: Thomas Keller

MINING FIRST-COME-FIRST-SERVED FREQUENT TIME SEQUENCE PATTERNS IN STREAMING DATA (F387)
Atsushi Okamoto and Takayoshi Shoudai
PRODUCT REPUTATION TREND EXTRACTION FROM TWITTER MICRO BLOGGING (S310)
Bizhanova Aizhan and Osamu Uchida

12:30-13:00 Doctoral Session
(Room: Madrid C)
Chair: Piet Kommers

TRAVELLING FOR ALL (D359)
Chaohai Ding, Mike Wald and Gary B. Wills

13:00-14:30 Lunch Break

14:20-15:35 Session FRP 15.6
Human Computer Interaction
(Room: Madrid A)
Chair: Hiroyuki Mitsuahara

AN AVATAR-MEDIATED SPEECH-DRIVEN EMBODIED COMMUNICATION SYSTEM WITH AN EYEBALL MOVEMENT MODEL (F266)
Yoshihiro Sejima, Tomio Watanabe and Mitsuru Jindai
USABILITY EVALUATION OF PRODUCTS AND SERVICES: A SYSTEMATIC REVIEW (F274)
Ana Martins, Alexandra Queirós and Nelson Pacheco da Rocha
HOW ICT CHANGE BORDERS BETWEEN PERSONAL LIFE AND PROFESSIONAL LIFE? UNDERSTANDING FOUR MODELS OF BOUNDARIES PERMEABILITY (R328)
Wafa El Wafi and Eric Brangier

15:45-16:30 – Special Talk
(Room: Madrid A)

VALUES OF DEMOCRACY AND HUMAN RIGHTS IN AN "E-SOCIETY" ERA"
Angela Garabagiu, Secretary to the Committee on Culture, Science, Education and Media, Parliamentary Assembly of the Council of Europe, Strasbourg, France

14:20-16:35 Session FRP 15.7
eBusiness / eCommerce
(Room: Madrid B)
Chair: Christine Bauer

CULTURAL FACTORS IN THE DESIGN OF GLOBAL E-COMMERCE WEB SITES (F366)
Malcolm Mactavish and Magdalena Jaworska
EXTEND THE UTAUT TO MEASURE THE ADOPTION OF ON-LINE SHOPPING IN SAUDI ENVIRONMENT (F279)
Faisal Fahhad Alsharif, François Siewe, Chris Fidler and Giampaolo Bella
A VISUAL T-COMMERCE INTERFACE USING PARALLEL COORDINATES (F288)
Diovanni Moraes de Araújo, Nikolas Jorge Santiago Carneiro, Anderson Gregório Marques Soares, Aruanda Simões Gonçalves Meiguins and Bianchi Serique Meiguins
E-INTERNSHIP PREVALENCE, CHARACTERISTICS, AND RESEARCH OPPORTUNITIES (F259)
Debora Jeske and Carolyn Axtell
SMALL BUSINESSES AND ROMI – THE SOCIAL MEDIA DILEMMA (R257)
Iva Atanassova, Lillian Clark and Colin Wheeler

16:30-17:00 – Coffee Break

17:00-19:05 Session FSRP 15.8
eGovernment /eGovernance
(Room: Madrid A)
Chair: Mark Liptrott

E-GOVERNMENT IMPACT IN DOING BUSINESS DIMENSIONS, CORRUPTION PERCEPTION, ENTREPRENEURIAL ATTITUDES AND ACTIVITIES (F331)
Deborah Moraes Zouain, Gustavo de Oliveira Almeida and Emilia Mathilde Moraes Zouain Sato
A CASE STUDY OF FEED-IN TARIFF PERSONAL CARBON ALLOWANCE (F360)
Takayoshi Kitamura, Asao Takamatsu, Hirotake Ishii and Hiroshi Shimoda
BINDERS FULL OF VOTERS: HOW INFORMATION GATHERED THROUGH TRACKING WAS USED TO TARGET VOTERS IN THE 2012 PRESIDENTIAL ELECTION (F340)
Zijun (Jenny) Pang, Christina Pollalis and Alessandra Saluti
A ROAD MAP TOWARDS M-GOVERNMENT SERVICES IN EGYPT (S254)
Mai Morsy and Rasha Abd El Aziz
DEBATING THE IMPACT OF ICTS ON POLICY-MAKING PROCESS: EPISTEMOLOGY, IDEOLOGY, AND POLICY RELEVANCE (R397)
Abdullah Althomaid and Abdullah Alotaibi

17:00-19:20 Session FSP 15.9
Educational Systems Design // Mobile Applications //
Multimedia Applications
(Room: Madrid B)
Chair: Alla Kravets

REAL WORLD EDUTAINMENT SYSTEM AND ITS APPLICATION TO EVACUATION DRILL (F309)
Keiji Miki, Hiroyuki Mitsuahara, Takahide Sumikawa, Jun Miyashita, Kazuhisa Iwaka, Masashi Konishi and Yasunori Kozuki

USING MARKERLESS AUGMENTED REALITY FOR REAL WORLD EDUTAINMENT (F311)
Takahide Sumikawa, Hiroyuki Mitsuahara, Keiji Miki, Jun Miyashita, Kazuhisa Iwaka and Yasunori Kozuki

THE VOYAGE OF THE DAWN TREADER – TURNING LEARNING TO M - ERA (S374)
Merja Meriläinen, Maarika Piispanen and Päivi Valli

LEARNING CONTINUUM: AMBIENT LEARNING FOR UNIVERSITY STUDENTS (S316)
Hiroyuki Mitsuahara

SEARCHING FOR A SUITABLE WAY TO TRANSLITERATE ARABIC INTO ROMAN LETTERS AS FOR A DEVICE IN ARABIC E-LEARNING SYSTEMS (S396)
Ahmed Ebrahim Mohamed Mosa and Katsuhiko Kakehi

WEB-BASED REFLECTION SUPPORT SYSTEM FOR REAL WORLD EDUTAINMENT (S354)
Jun Miyashita, Hiroyuki Mitsuahara, Keiji Miki, Takahide Sumikawa, Kazuhisa Iwaka, Masashi Konishi and Yasunori Kozuki

11:30-13:30 Session FSP 16.2
Knowledge Management // Other
(Room: Londres A+B)
Chair: Piet Kommers

A SURVEY ABOUT SYSTEMS THAT SUPPORT NEGOTIATIONS (F307)
Sergio Assis Rodriguez, Ekaterina Tshakaya and Jano Moreira de Souza

TOPIC-BASED BROWSING OF TENDENCIES IN TWITTER CONVERSATIONS BY USING SOCIAL GLOCAL INFORMATION EXTRACTION (F356)
Takafumi Nakanishi, Kiyotaka Uchimoto and Yutaka Kidawara

AUTONOMIC GOVERNMENT KNOWLEDGE BASE (S284)
Stainam Brandao, Sergio Assis Rodrigues, Tiago Silva, Luis Araujo and Jano M. Souza

EXTRACTING AND VISUALIZING PEOPLE'S NEEDS AND TOPIC TRENDS FROM USERS' COMMENTS ON VIDEO STREAMING SITES OR BLOG POSTS (S381)
David Ramamonjisoa, Tatsuya Suzuki and Basabi Chakraborty

KNOWLEDGE MANAGEMENT CHALLENGES FOR BULGARIAN ORGANISATIONS (S398)
Elissaveta Gourova and Boyan Bontchev

13:30 Best Paper Awards Ceremony and Closing Session
(Room: Londres A+B)

Prof. Piet Kommers and Pedro Isaías

Saturday 16th, March 2013

08:30-13:40 Welcome Desk

08:50-11:10 Session FSP 16.1
eLearning
(Room: Londres A+B)
Chair: Iona Buchem

ANALYSIS OF COMPUTING PLATFORMS AS A TOOL FOR COLLABORATIVE LEARNING OF SECONDARY SCHOOL STUDENTS IN THE MUNICIPALITY OF GUIMARÃES IN PORTUGAL (F399)
Dalila Alves Durães and José Francisco Hinojo-Lucena

USE OF MOBILES AND LEARNING PLATFORMS AS A MEDIUM TO DEVELOP AND IMPROVE LINGUISTIC COMPETENCIES IN A FOREIGN LANGUAGE COURSE (F350)
Juan Rafael Ángel Mendoza

TEACHER'S EXPERIENCE OF LETTERBOXING GAME ON PORI CULTURAL HERITAGE ROAD (F375)
Pirita Ihämäki

THE USE OF ACADEMIC LIBRARY DIGITAL SERVICES IN E-LEARNING: PERCEPTIONS OF ACADEMICS AT SQU, OMAN (F345)
Ali Al-Aufi and Safiyya Al-Hosni

DO STUDENTS IN A DISTANCE LEARNING PROGRAM USE E-TOOLS AND DIGITAL DEVICES? (S373)
Jean Claude Callens

11:00-11:30 Coffee Break