

13th International Conference on e-Society 2015

CONFERENCE PROGRAM

Saturday 14th, March 2015

08:00-18:30 Welcome Desk (Room: Funchal)

09:30-10:00 Session O – Opening Session
(Room: Lisboa)

OPENING SESSION

Profs. Piet Kommers and Pedro Isaías

10:00-11:00 Session KL1 – Keynote Presentation
(Room: Lisboa)

**EVOLUTION OR REVOLUTION? DIFFUSION AND
ADAPTATION OF (SMART) MOBILE PHONES AMONG
CHILDREN AND ADOLESCENTS**

*Dr. Gitte Bang Stald, Associate Professor, IT University of
Copenhagen, Denmark*

11:00 – 11:30 Coffee Break

11:30-13:00 Session FP 14.1
eLearning
(Room: Lisboa)

Chair: R. Robert Gajewski

**TOWARDS ACCESSIBLE E-LEARNING USING ESVI-AL
PROJECT RESULTS (F046)**

José R. Hiler and Héctor R. Amado-Salvatierra

**FLIPPED LEARNING IN A UNIVERSITY EFL COURSE:
THE MERITS OF A COLLABORATIVE LEARNING
APPROACH (F105)**

*Yasushige Ishikawa, Craig Smith, Masayuki Murakami, Kate Maher
and Norihisa Wada*

**AN ALTERNATIVE EVALUATION: ONLINE PUZZLE AS A
COURSE-END ACTIVITY (F085)**

Zülfü Genç and Emrah Aydemir

11:30-13:10 Session FSP 14.2
eSociety and Digital Divide // Social Integration
(Room: Paris)

Chair: Alistair Duff

**THE DOMESTICATION OF ICTS IN HOUSEHOLDS
LOCATED IN DEVELOPING COUNTRIES (F043)**

Gloria Irakoze and Wallace Chigona

**THE ACCEPTANCE OF SOCIAL MEDIA IN INTRA-
ORGANIZATIONAL RELATIONS IN A HIGHER
EDUCATION INSTITUTION (F031)**

Przemyslaw Polak

**THE FOLLY GUARD – A PERSONAL AND SOCIAL
COMMUNICATION PROTECTION SYSTEM (S044)**

Thomas Keller and Bastin Tony Roy Savarimuthu

**THE MONSTERS OF DIGITAL COMMUNICATION:
ADVANCED MARGINALIZATION IN DIGITAL SOCIETIES
(S023)**

Morten Hjelholt

13:00-14:30 – Lunch Break (Panoramic Restaurant
Reception Floor)

14:30-15:20 Session FSP 14.3
Human Computer Interaction // Social Software
(Room: Lisboa)

Chair: Deborah Zouain

**AN HCI EVALUATION OF USER EXPERIENCE IN THE
MELODY SEARCH MUSIPEDIA (F081)**

Jose Rene Tubilleja and Lyublyana Turij

**DESIGNED PROGRAM FOR A VISUALLY IMPAIRED
INDIVIDUAL TO CONSTRUCT GEOMETRIC FIGURES
USING A BRAILLE PRINTER (S051)**

*Cristhian Moreno-Chaparro, Luiz Cesar Martini, Lorena León Q.,
Julian Prada Sanmiguel and Julio César Larco*

14:30-15:20 Posters Session
(Room: Paris)

Chair: Piet Kommers

**CHANGE IN THE INTERFERENCE CAUSED BY
STRESSFUL EVENTS: EFICACY OF AN INTERNET- BASED
INTERVENTION PROGRAM (P032)**

*Adriana Mira, Juana Bretón-López, Antonio Riera López del Amo,
Berenice Serrano, Rosa María Baños and Cristina Botella*

**ACCEPTABILITY OF AN EMOTIONAL THERAPY SYSTEM
(TEO) FOR DELIVERING HOMEWORK IN THE
TREATMENT OF ADJUSTMENT DISORDERS (P033)**

*Mar Molés, Soledad Quero, Daniel Campos, Sara Nebot, Irina
Rachyla and Cristina Botella*

**SEMANTIC CLASSIFICATION OF TEXT MESSAGES
USING THE CONCEPT OF COMMUNITY IN SOCIAL
NETWORK ANALYSIS (P042)**

*Hideya Matsukawa, Yoshiko Arai, Chiaki Iwasaki, Yoko Kinjo and
Hiroshi Hotta*

**HOW DO USERS IMAGINE AUDIENCES ON SOCIAL
MEDIA SITES? (P080)**

Yukiko Maruyama

15:20-16:30 Session FSP 14.4
**Digital Services in E-Society // Development of Digital
Services**

(Room: Lisboa)

Chair: Petar Jandrić

**GENERIC TECHNOLOGIES FOR SERENDIPITY: TOWARD
FAR-REACHING AND EFFECTIVE PARTICIPATION IN AN
E-SOCIETY (F018)**

Klaus P. Jantke and Jun Fujima

**DESIGNING DIGITAL URBAN INTERACTIONS INDUSTRY
LANDSCAPE AND MARKET ANALYSIS (S093)**

*Gianluca Zaffiro, Melissa Bracuto, Martin Brynskov and Michael
Smyth*

**EGOVERNMENT IN THE CZECH REPUBLIC – DO DATA
RUN OR CITIZENS? (S055)**

*Miloš Ulman, Jan Jarolímek, Pavel Šimek, Jan Masner, Jiří Vaněk
and Michal Stočes*

16:30-17:00 – Coffee Break

17:00-18:30 Session FRP 14.5

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

Chair: Wallace Chigona

CHILDREN AND TECHNOLOGICAL ARTEFACTS: AN
EXPLORATORY STUDY (F076)

Elvis Mazzoni, Enrico Nicolò and Bartolomeo Sapio

DIGITAL POSTCOLONIALISM (F017)

Petar Jandrić and Ana Kuzmanić

ESCIENCE 2.0 – IMPACTS OF WEB 2.0 TO SCHOLARY
COMMUNICATION (R047)

Claudia Steinberger

DIGITAL DIVIDE AND ICT DEVELOPMENT IN RURAL
AREAS IN THE CZECH REPUBLIC (R052)

*Jiří Vaněk, Pavel Šimek, Michal Stočes, Miloš Ulman, Jan Masner
and Jan Jarolímek*

17:00-18:30 Session FP 14.6

eGovernment /eGovernance

(Room: Paris)

Chair: Klaus Jantke

CRITICAL SUCCESS FACTORS FOR ADOPTING STATE
AND LOCAL E-GOVERNMENT – POLISH INSIGHTS (F078)

Ewa Ziemba, Tomasz Papaj and Maria Jadamus-Hacura

INVESTIGATING FACTORS INFLUENCING THE
ACCEPTANCE AND UTILIZATION OF GOVERNMENT
MOBILE CROWDSOURCING APPLICATIONS CASE
STUDY: CITYGUARD APPLICATION IN ABU DHABI CITY
(F092)

Iman Saeed AlWahedi, Salam Amir Hoshang and Hatem Tamimi

FACTORS INFLUENCING M-GOVERNMENT ADOPTION
IN THE UAE (F070)

*Salam Amir Hoshang, Hatem Tamimi and Saeed Ali Saeed Zaid Al
Shehhi*

18:45 Welcome Cocktail (Sunset Terrace - Reception
Floor)

Sunday 15th, March 2015

08:30-15:30 Welcome Desk (Room: Funchal)

09:00-11:10 Session FSP 15.1

eHealth

(Room: Lisboa)

Chair:

A DIMENSION-ORIENTED TAXONOMY OF DATA
QUALITY PROBLEMS IN ELECTRONIC HEALTH
RECORDS (F034)

Omar Almutiry, Gary Wills and Richard Crowder

ARTIFICIAL NEURAL NETWORKS IN STROKE
PREDISPOSITION SCREENING (F056)

José Neves, Henrique Vicente, Nuno Gonçalves, Ruben Oliveira,

João Neves, António Abelha and José Machado

FUTURE LOCATION OF HOSPITAL SERVICES ANALYSIS
OF A NEWSPAPER DEBATE (F026)

Hans Olav Omland

THE ENIGMA OF IMPACT: CAUSES AND COSTS OF
BENEFIT IN A GHANAIAN E-HEALTH PROJECT (S048)

Johannes de Kruijff and Eva Krahl

EFFECTIVENESS OF MOBILE PERSONAL DIETARY
LOGGING (S054)

*Istvan Vassanyi, Istvan Kosa, Rebaz A.H. Karim, Marta Nemes and
Brigitta Szalka*

09:10-11:00 Session FSP 15.2

Information Systems // Intelligent Systems // Other
(Room: Paris)

Chair: Olga Georgieva

REDEFINING TRAVELLER TYPES TO ENABLE BESPOKE
TRAVEL INFORMATION SOLUTIONS (F053)

Amanda Jane Haylett, Tom Cherrett and Gary Wills

A BRAND NEW APPLICATION FOR REMOTE CONTROL
OF ANDROID DEVICES (F091)

Michel Fornaciali

MULTI-STEP DECISION MAKING PROCESS FOR
NON-PLAYABLE CHARACTERS IN AN RPG (F020)

Umair Azfar Khan and Yoshihiro Okada

KNOWLEDGE MANAGEMENT IN AIRLINE INDUSTRY:
CASE STUDY FROM THE BRITISH AIRWAYS (S049)

Ekaterina Tchkakaia, Ignazio Cabras and Sergio Assis Rodrigues

11:00 – 11:30 – Coffee Break

11:30-12:50 Session FSP 15.3

E-Democracy // Political and Social Aspects

(Room: Lisboa)

Chair: Thomas Keller

KEY PRINCIPLES OF THE GOOD INFORMATION
SOCIETY (F040)

Alistair S. Duff

REPRESENTATIVENESS OF GERMAN PARTIES AND
COALITIONS IN THE 2013 BUNDESTAG ELECTION (F039)

Andranik Tangian

USING NARBS FOR POLITICAL PREDICTION (S019)

Ananda Mitra, Vibodh Parthasarathi and Sanjay Mamani

11:30-13:00 Session FSP 15.4

eBusiness / eCommerce // Electronic Service Delivery

(Room: Paris)

Chair: Claudia Steinberger

COMMUNICATION AND TOURISM 2.0: ANALYSIS OF
CONTENTS AND TOOLS IN GOVERNMENT SOCIAL
NETWORKS AND WEBSITES IN IBEROAMERICA (F083)

*Verónica Altamirano, Miguel Tüñez López and Karina Valarezo
González*

BROADBAND USE AND CREATIVE COMMUNITIES IN
THE UK (S100)

Leanne Townsend and Claire Wallace

UNDERSTANDING HOW MOBILE HEALTH
INFORMATION SYSTEM COULD BE USED TO IMPROVE
HIV AND WELLNESS TESTING (S015)

Phathutshedzo Nemutanzhela, Ronald Karon, Chico Angula and

Michael Hamatwi

CENTRALISATION OF HEALTHCARE SYSTEMS IN
NAMIBIA USING INFORMATION TECHNOLOGY (S016)

Ronald Karon, Irja Shaanika, Mervin Mokhatu and Judith Tjiwemu

13:00-14:30 – Lunch Break (Panoramic Restaurant
Reception Floor)

14:30-15:30 Invited Talk

(Room: Lisboa)

THE MISREPRESENTATION OF DIGITAL TEENS AS
TROLLS: CONSIDERING POLITICAL, NEWS AND
FEMINIST AGENDAS

*Jonathan Bishop, Principal Researcher & Developer, Centre for
Research into Online Communities and E-Learning Systems, Wales*

14:20-15:30 Session FSP 15.5

eLearning

(Room: Paris)

Chair: *Bartolomeo Sapio*

LEARNING SKILLS, DIGITAL COMPETENCIES AND
FLIPPED CLASS: LESSONS LEARNED (F088)

R. Robert Gajewski and Marcin Jaczewski

INVESTIGATING THE IMPACT OF INTEGRATION
MOOCS INTO SAUDI WOMEN'S HIGHER EDUCATION
(S068)

Fadiyah Almutairi and Su White

EFFECTS OF USERS' DIVERSITIES ON THEIR ONLINE
INFORMATION SEEKING BEHAVIORS (S082)

Zhe Wang

12:50 Best Paper Awards Ceremony and Closing Session

(Room: Lisboa)

Prof. Piet Kommers and Pedro Isaías

15:45 – Conference Tour and Dinner

Monday 16th, March 2015

08:30-13:00 Welcome Desk (Room: Funchal)

09:10-11:00 Session FSP 16.1

eGovernment /eGovernance // eGovernment Management

(Room: Lisboa)

Chair: *Salam Amir Hoshang*

TOWARDS A NEW GENERATION OF MOBILE
GOVERNMENT (F090)

Thomas Zefferer

E-GOVERNMENT IMPACT ON BUSINESS AND
ENTREPRENEURSHIP: DYNAMICS IN HIGH, UPPER
MIDDLE AND LOWER INCOME COUNTRIES FROM 2008
TO 2014 (F094)

Gustavo de Oliveira Almeida and Deborah Moraes Zouain

A MODULAR AND FLEXIBLE ATTRIBUTE MAPPING
SERVICE TO MEET NATIONAL REQUIREMENTS IN
CROSS-BORDER EID FEDERATIONS (F084)

Thomas Lenz

ADOPTION OF AN E-REVENUE COLLECTION SYSTEM: A
CASE OF GATUNDU NORTH AND SOUTH SUB COUNTIES
(S024)

*Margaret Njenga, Delphine Bheny, Tabitha Mberi, Tirus Wanyoike,
Rohit Reddy and Philip Nyamwaya*

11:00-11:30 – Coffee Break

11:30-12:50 Session FSP 16.2

Information Systems

(Room: Lisboa)

Chair: *Thomas Zefferer*

SOFTWARE STANDARDIZATION IN THE CONTEXT OF
THE INNOVATIVENESS OF ENTERPRISE OPERATIONS
(F059)

Jędrzej Wieczorkowski, Ilona Pawełoszek and Przemysław Polak

PAASPORT – A UNIFIED PAAS-CLOUD MANAGEMENT
APPLICATION AVOIDING VENDOR LOCK-IN (F089)

Bernad Zwattendorfer, Bojan Suzic and Gabriel Schanner

JOINT ASSESSMENT OF SOFTWARE SERVICE QUALITY
PROPERTIES (S063)

Olga Georgieva