12th International Conference on e-Society 2014

CONFERENCE PROGRAM

Secretariat

Secretariat welcome desk
28th February, from 08:00-19:30, 1st March, from 8:30 to 15:30 and 2nd March, from 8:30-13:00.

Meals and Coffee-Breaks

Lunches will be served to registered conference participants on the days 28th February and 1st of March, from 13:00 to 14:30 at Room Aranda (Floor –1).

Coffee-breaks will be served to conference participants on the days 28th February, 1st and 2nd of March.

Rooms

Alcala - Welcome Desk (Ground Floor – hotel reception)
Barcelona - Conference Room - (1st Floor)
Valencia - Conference Room - (1st Floor)
Aranda - Conference Lunch (Floor –1)
# 12th International Conference on e-Society 2014

## CONFERENCE PROGRAM

**Friday 28th, February 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30-19:30</td>
<td>Welcome Desk</td>
</tr>
<tr>
<td>09:45-10:00</td>
<td>Session O – Opening Session (Room: Barcelona)</td>
</tr>
<tr>
<td>OPENING SESSION</td>
<td>Prof. Piet Kommers and Pedro Isaías</td>
</tr>
<tr>
<td>10:00-11:00</td>
<td>Session KL1 – Keynote Presentation (Room: Barcelona)</td>
</tr>
<tr>
<td>&quot;THE USE OF SOCIAL MEDIA BY CORPORATIONS: EFFECTS ON SOCIAL MEDIA SENTIMENT AND CORPORATE REPUTATION&quot;</td>
<td>Prof. Dr. Peter Kerkhof, University of Amsterdam, The Netherlands</td>
</tr>
<tr>
<td>11:00 – 11:30</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>11:30-12:45</td>
<td>Session FRP 28.1 (Room: Barcelona)</td>
</tr>
<tr>
<td>eBusiness / eCommerce / Mobile Applications</td>
<td>Chair: Peter Kerkhof</td>
</tr>
<tr>
<td>INFLUENCING FACTORS FOR PURCHASE OF VIRTUAL AND DIGITAL GOODS</td>
<td>Mayank Sharma, Pradeep Kumar and Bharat Bhasker</td>
</tr>
<tr>
<td>REALLY MATTER?</td>
<td>(F042)</td>
</tr>
<tr>
<td>Safari Kasiyanto</td>
<td>3D PRINTING AND CO-CREATION OF VALUE (R036)</td>
</tr>
<tr>
<td>Lillian Clark,</td>
<td>Levent Çallı and Fatih Çallı</td>
</tr>
<tr>
<td>11:30-12:55</td>
<td>Session FSRP 28.2 (Room: Valencia)</td>
</tr>
<tr>
<td>eGovernment / eGovernance / Other</td>
<td>Chair: Piet Kommers</td>
</tr>
<tr>
<td>A READINESS FOR CHANGE MODEL FOR DUBAI E-GOVERNMENT INITIATIVE</td>
<td>Khalid Samara and John Raven</td>
</tr>
<tr>
<td>THE USE OF SOCIAL MEDIA BY LOCAL GOVERNMENT</td>
<td>(S017)</td>
</tr>
<tr>
<td>Takayoshi Kawai</td>
<td>DEMAND DRIVEN E-GOVERNMENT SERVICES: A CALL FOR BETTER UNDERSTANDING THE FACTORS</td>
</tr>
<tr>
<td>INFLUENCING END USERS ADOPTION OF ELECTRONIC GOVERNMENT SERVICES</td>
<td>(R083)</td>
</tr>
<tr>
<td>Elahiah Kobbar</td>
<td>A CREATION METHOD OF APPROPRIATE AXES FOR ORGANIZING SOCIAL MEDIA CONTENTS AND ITS APPLICATION FOR A CYBER CURATOR SEARCH</td>
</tr>
<tr>
<td>Takaomi Nakanishi,</td>
<td>Ryo Uchimoto and Yutaka Kidowara</td>
</tr>
<tr>
<td>13:00-14:30</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>14:30-16:40</td>
<td>Session FSRP 28.3 (Room: Barcelona)</td>
</tr>
<tr>
<td>eLearning // Educational Systems Design // Other</td>
<td>Chair: J. Mark Pullen</td>
</tr>
<tr>
<td>A STUDY ON SMART SELF-GOVERNANCE FOR A HYPER AGED AND DEPOPULATING SOCIETY</td>
<td>Bolormaa Battsoogt and Takashi Kobayashi</td>
</tr>
<tr>
<td>COMPARING WRITTEN CASE STUDIES TO VIRTUAL CASE STUDIES: APPLICABILITY IN NURSING EDUCATION</td>
<td>Daniel Cliburn and Kristin Lee</td>
</tr>
<tr>
<td>SOFTWARE FOR CREATING AND EDITING LATEX DOCUMENTS, DESIGNED FOR VISUALLY IMPAIRED USERS</td>
<td>J. Prada Sanmiguel, C. Moreno Chaparro, L. C. Martini and J. Lorco</td>
</tr>
<tr>
<td>14:30-15:45</td>
<td>Session FRP 28.4 (Room: Valencia)</td>
</tr>
<tr>
<td>eHealth</td>
<td>Chair: Elissaveta Gourova</td>
</tr>
<tr>
<td>DEVELOPMENT OF A CARDIOVASCULAR RISK CALCULATOR: CARDHORISK, ALERT</td>
<td>Borja Martínez-Pérez, Isabel de la Torre-Díez and Miguel López-Corronado</td>
</tr>
<tr>
<td>PSICONNECT: A PLATFORM FOR COMMUNICATION BETWEEN MEDICAL STAFF, CAREGIVERS AND PATIENTS WITH PSYCHIATRIC PROBLEMS</td>
<td>Diego Velasco-Morejón, Borja Martínez-Pérez, Isabel de la Torre-Díez and Miguel López-Corronado</td>
</tr>
<tr>
<td>REVIEWS USABILITY OF A SOFTWARE FOR DIET CONTROL USING ARTIFICIAL INTELLIGENCE</td>
<td>Tiago Ungaro Bardella, Leonardo Ramon Nunes de Sousa, Hílice Santos Ferreira, Nizam Omar, Sandra Maria Dotto Stump and Iman Frango Silveira</td>
</tr>
<tr>
<td>15:50-16:40</td>
<td>Session FSP 28.5 (Room: Valencia)</td>
</tr>
<tr>
<td>Mobile Applications // Multimedia Applications</td>
<td>Chair: Alcinia Zita Sampaio</td>
</tr>
<tr>
<td>A PRE-FETCH CACHE MANAGER BASED ON 3DCG MANIPULATION HISTORY ON AN AUGMENTED REALITY USER INTERFACE</td>
<td>Hiroshi Honda and Kousuke Takano</td>
</tr>
<tr>
<td>AP SELECTION CRITERIA FOR ENHANCED INDOOR POSITIONING METHOD USING IEEE 802.11 RSSI MEASUREMENTS</td>
<td>Jun Gyu Hwang, Seok Hun Shin and Joon Goo Park</td>
</tr>
</tbody>
</table>
16:30-17:00 – Coffee Break

17:00-19:25 Session FSRP 28.6

eSociety and Digital Divide // New Media and E-Society
(Room: Barcelona)
Chair: Daniel Cliburn

ONLINE INFORMATION DISCLOSURE IN SOCIAL NETWORKING: THE CASE OF FACEBOOK (F087)
Sevim Oztimurleak
TECHNOLOGY-ENABLED BULLYING & ADOLESCENT RESISTANCE TO REPORT; THE NEED TO EXAMINE CAUSAL FACTORS (F101)
Justin Connolly, Regina Connolly and Pamela Hassey
CALL OF DUTY TO TEENAGE BOYS EXPERIENCES AND LIST OF HEURESTICS A CASE OF MODERN WAR GAME (F077)
Pirita Ihamäki

Saturday 1st, March 2014

08:30-15:30 Welcome Desk

09:10-11:00 Session FSP 1.1

Information Management // Other
(Room: Barcelona)
Chair: Khalid Samara

AUDIO MONITORING IN SMART CITIES - AN INFORMATION PRIVACY PERSPECTIVE (F024)
Anna Ståhlbröst, Annika Sällström and Danilo Hollosi
INFORMATION SHARING ON SOCIAL MEDIA AND DATING WEBSITES (F090)
Lisa Eckert
E-GOVERNMENT READINESS AND ITS RELATIONSHIP WITH IMPROVEMENT OF BUSINESS: EVALUATION OF RESULTS FROM 2008 TO 2012 (F073)
Gustavo de Oliveira Almeida and Deborah Moraes Zouain
DEVELOPING LEADERSHIP CAPABILITY IN EARLY CAREER RESEARCHERS: A SOFT SYSTEMS METHODOLOGY APPROACH (S106)
Casey Wilson

11:00 – 11:30 – Coffee Break

11:30-12:50 Session FSP 1.2

e-Democracy
(Room: Barcelona)
Chair: Anna Ståhlbröst

IDENTIFYING INDIVIDUAL PARTY PREFERENCE IN POLITICAL STOCK MARKETS (F021)
Tobias T. Kranz, Florian Teschner, Philipp Roiaust and Christof Weinhardt
APPLIED COSINE SIMILARITY ALGORITHM IN POLITICS: THE CASE OF MACEDONIAN PARLIAMENT (F062)
Visar Shehu, Nabi Besimi and Adrian Besimi
USING NARBS FOR UNSTRUCTURED BIG DATA ANALYTICS: POLITICAL ANALYSIS (S105)
Ananda Mitra and Sanjay Mamani

13:00-14:30 – Lunch Break

14:30-15:30 Posters Session

(Room: Barcelona)
Chair: Piet Kommers

A STUDY ON THE SOLUTION THE DIGITAL DIVIDE OF PEOPLE WITH DISABILITIES IN KOREA (P034)
W. H. Na, J.M.Kim, I.K.Lee and S.Y.Lee
EXPERT SYSTEM FOR NUTRITION EDUCATION COMBINING POINTS SYSTEM DIET AND FOOD GUIDE PYRAMID (P037)
Hilcée Santos Ferreira, Robson de Souza Resende, Tiago Ungaro Bardella and Nizam Omar
DEVELOPMENT OF E-LEARNING AND U-LEARNING-BASED COMPUTER VOCATIONAL EDUCATIONAL COURSE FOR THE HEARING IMPAIRED PERSON (P048)
Byung-Seop Song, Kam-Min Rhee and Dong-Ok Kim
SEXUAL ABUSE PREVENTION PROGRAM FOR CHILDREN WITH DEVELOPMENTAL DISABILITIES: BASED ON WEB SERVICE (P050)
J. S. Park, Y. R. Kang, E. Y. Choi, M. Kong, I. K. Lee and W. H. Na
AN INVESTIGATION OF JAPANESE UNIVERSITY STUDENTS' ONLINE PRIVACY CONCERNS ABOUT SMARTPHONE USAGE (P052)
Yukiko Maruyama
CHANGING STUDENTS' SUPPORT MODEL FROM SPECIALIZED TUTORS TO UNDERGRADUATE “MONITORS”: A SUCCESSFUL EXPERIENCE (P072)
Rosâlia Morais Torres, Maurício Rodrigues Botelho, Cláudio de Souza, Simone Ferreira dos Santos, Cristina Duarte Silva and Nara Lúcia Carvalho da Silva

Sunday 2nd, March 2014

08:30-13:00 Welcome Desk

09:00-11:00 Session FP 2.1
eLearning
(Room: Valencia)
Chair: Pradeep Kumar

E-SKILLS CHALLENGES IN BULGARIA (F081)
Elixaeveta Gourova, Nikolay Jonkov and Mila Dragomirova
AN OPEN SOURCE SYNCHRONOUS ONLINE EDUCATION SYSTEM WITH REDUCED SUPPORT REQUIREMENTS (F019)
J. Mark Pallen and Nicholas K. Clark
EVIDENCE-BASED DESIGN AND IMPLEMENTATION OF A MOBILE CURRICULUM-BASED MEASUREMENT SYSTEM FOR LOW-RESOURCE SETTINGS (F061)
Carmen Strigel
DEVELOPING A SYSTEM OF PRE-QUALIFYING ONLINE STUDENTS USING ACTIVITY THEORY (F080)
Jose Rene Tubileja
11:00-11:30 – Coffee Break

11:30-13:00 Session FP 2.2
Information Systems
(Room: Valencia)
Chair: Safari Kasiyanto

BUSINESS PROCESS MODELING USING ACTIVITY PATTERNS (F063)
David Grünert and Thomas Keller

A COMPREHENSIVE APPROACH TO TECHNOLOGY ISSUES AND CHALLENGES FOR HIGHER EDUCATION INSTITUTIONS (F107)
Blerta Abazi Caushi, Agron Caushi and Zamir Dika

BUILDINGS MAINTENANCE SUPPORTED ON VIRTUAL REALITY TECHNOLOGY (F079)
A. Zita Sampaio and Augusto M. Gomes

13:00 Best Paper Awards Ceremony and Closing Session
(Room: Valencia)
Prof. Piet Kommers and Pedro Isaías