16th International Conference on e-Society
(ES 2018)

CONFERENCE PROGRAM

Saturday 14th, April 2018

08:30-19:30 Welcome Desk

09:45-10:00 Session O – Opening Session
(Room: Auditório 1)

OPENING SESSION
Prof. Piet Kommers

10:00-11:00 Session KL1 – Keynote Presentation
(Room: Auditório 1)

WHITHER SEAMLESS LEARNING: PERSPECTIVES, CHALLENGES AND OPPORTUNITIES
by Professor Chee Kit Looi, Learning Sciences & Technologies Academic Group Founding Head, Learning Sciences Lab, Nanyang Technological University (NIE/NTU), Singapore

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 14.1
Learning Analytics // Predictive Analytics
(Room: Estúdio)

Chair: Timothy Arndt

AN ICT-BASED HIGHER EDUCATION ECOSYSTEM FOR ENHANCING STUDENTS’ LEARNING AND OPERATIONAL PERFORMANCE (F149)
Haydar Moussalem, Bassam Hussein, Mohamad Raad and Amin Haj-Ali

STUDENT RETENTION AS AN INDICATOR OF QUALITY ASSURANCE IN ECUADORIAN UNIVERSITIES (S153)
Marco Veloz, Mayra Albín, Idalia Pacheco, Gloria Vizcaíno and Mónica Salazar

EDUCATIONAL DATA ANALYSIS APPLYING A KDD METHODOLOGY (S063)
William Villegas-Ch, Diego Buenaño-Fernández and Sergio Luján-Mora

AUTOMATIC REFLECTIVE WRITING ANALYSIS BASED ON SEMANTIC CONCEPTS (P143)
Huda Alrashidi and Mike Joy

13:00 – 14:30 Lunch Break

14:30-16:30 Session FSP 14.2
Knowledge Society // e-Government /e-Governance
(Room: Estúdio)

Chair: Thomas Keller

THE TRANSFORMATIONAL POTENTIAL OF CIVIL SOCIETY (F085)
József Veress

MODELLING THE ENROLMENT ESERVICE OF A UNIVERSITY USING MACHINE LEARNING TECHNIQUES (F148)
Ainhoa Yera, Itxaso Perona, Olatz Arbelaitz and Javier Maguerza

EXTENDING THE UTAUT TO MEASURE THE ADOPTION OF WEB-BASED KNOWLEDGE SHARING SYSTEMS IN SAUDI UNIVERSITIES (S157)
Nouf Almujally and Mike Joy

ONLINE DATA ABOUT BRAZILIAN JUDICIARY: COMPARATIVE ANALYSIS OF JUSTICE IN NUMBERS 2004-2017 (S060)
Laís Pasquali Kartz, Amanda Nunes Lopes Espoïneira Lemos and Alexandra Krastos Lopes Souto Maior

E-READYNESS COMPOSITE INDICATORS MEASUREMENT METHODOLOGIES: LITERATURE REVIEW (S101)
Jaouad Chennouf and Najib Belkhayat

16:30-17:00 Coffee Break
17:00-19:30 Session FP 14.3
Information Systems // Other
(Room: Estúdio)
Chair: Heritiana Ranaivoson

INCLUSIVE JOBS: A PROJECT TO HELP PEOPLE WITH IMPAIRMENT FIND OPPORTUNITIES – HEURISTIC EVALUATION TO DIAGNOSE UsABILITY PROBLEMS (F171)
Felipe Araujo and Adriano Bernardo Renzi

PLAYER-CENTRIC ADAPTATION OF A CAR DRIVING VIDEO GAME (F161)
Boyan Bonchev, Dessislava Vassileva and Dobrin Ivanov

DNA-BASED USER AUTHENTICATION SCHEMES FOR WIRELESS BODY AREA NETWORK (F144)
Esma Erigner Özkaya

CLASSIFICATION OF DRIVING TRAITS USING FUZZY-LOGIC CONTROL (F141)
Dylan Seychell and Steven Farrugia

TOWARDS A MULTI-MODAL IT (F088)
Thomas Keller, Thierry Baumgartner and Elke Brucker-Kley

17:00-18:40 Session FP 14.4
Information Management
(Room: Auditório 2)
Chair: Jozsef Veress

PERSONAL DATA PROTECTION MODELS: ASPECTS OF OWNERSHIP (F140)
George Bouchagiar and Maria Bottis

VISUALISATION – IT IS NOT THE DATA, IT IS WHAT YOU DO WITH IT (F179)
Chris Roast, David Patterson and Victoria Hardman

DATA IN THE CLOUD: WHOSE CONTROL AND WHOS CONSENT? (S137)
George Bouchagiar and Maria Bottis

SEMANTIC WEB APPROACHES FOR BIG DATA INTEGRATION (S070)
Danilo Hasse, Fernando A. Ostuni Gauthier, Carlos Roberto De Rolt and Gisiela Hasse Klein

CORPORATE ATTITUDES TOWARDS DATA PHANTHROPY IN SOUTH AFRICAN BANKING, RETAIL AND TELECOMMUNICATIONS (F045)
Kungela Mzuku and Jean-Paul Van Belle

Sunday 15th, April 2018

08:30-15:45 Welcome Desk

08:40-11:00 Session FSP 15.1
e-Learning // Blended Learning
(Room: Régie 2)
Chair: Jenny Eppard

MEASURING ON-CAMPUS STUDENT ENGAGEMENT IN THE CONTEXT OF BLENDED-MOOC (F091)
Fadiyath Almatari and Su White

TANGLE: A BLENDED EDUCATIVE SUITE FOR THE QUANTUM INFORMATION EDUCATION AND DEVELOPMENT OF RESEARCH SKILLS (F111)
Francisco Javier Delgado-Cepeda

ENHANCING READING SKILLS THROUGH ADAPTIVE E-LEARNING (F145)
Julie Villessèche, Christophe Quaireau, Olivier Le Bohec, Jérémie Nogues, Sandrine Oriée, Anne-Laure Besnard, Fanny De La Haye, Yvonnick Noël and Karine Lavandier

IMPLEMENTATION AND OUTCOMES OF A UNIVERSITY COURSE IN STATISTICS FOR BUSINESS UNDER THE FIT BLENDED MODEL (F113)
Faustino Yescas-Martinez, and Francisco Javier Delgado-Cepeda

“NOBODY KNOWS WHAT THE BODY CAN DO”: A COMPLEX APPROACH OF AUTISTIC SPECTRUM DISORDERS (S125)
Nize Maria Campos Pellanda and Maria de Fátima de Lima das Chagas

08:30-11:00 Session FP 15.2
Technology and Society
(Room: Auditório 2)
Chair: Darius Zumstein

SPORT TOURISM: IMPROVING VISITORS’ EXPERIENCE THROUGH WEB 2.0 TOOLS IN SOCCER CLUBS’ MUSEUMS AND STADIUMS (F046)
Deborah Moura Zouain, Paula Bastos Lohmann, Marcio Ferreira Bezerra, Gabriela De Laurentis Cardoso, Kaarina Barbosa Virkki and Pedro Henrique Domingues Curvello

HEART RATE VARIABILITY ANALYSIS AS A PREVENTIVE INSTRUMENT AGAINST STRESS FOR EMPLOYEES (F132)
Thomas Keller, Giovanni Annunzio and Elke Brucker-Kley

TRUSTING IN THE SECURITY OF PRIVATE MESSAGES – A SURVEY-BASED ANALYSIS OF FINNISH INTERNET USERS (F193)
Jukka Vuorinen, Aki Koivula and Ilkka Koiranen

CREATING COMPETENT TEAMS FOR EMERGENCY MANAGEMENT AND RESPONSE (F068)
Danilo Hasse, Fernando A. Ostuni Gauthier, Carlos Roberto De Rolt and Gisiela Hasse Klein

TEACHING MOBILE DEVELOPMENT WITH APP INVENTOR AND PAIR PROGRAMMING (F219)
Paolo Musmarra
11:00-11:30 Coffee Break

11:30-13:00 Session FP 15.3
Internet of Things (IoT) // Human Computer Interaction
(Room: Régie 2)
Chair: Roberto Cortés-Morales
INTERNET OF THINGS, NEW WAVES TOWARD ORGANIZATIONS (F034)
Fateme Tavallaei and MohammadAli Sarlak
THE POSTAL SERVICE IN THE SMART CITY (F206)
Maria Pavlovskaya and Olga Kononova
IMPROVING BIM WITH VR IN CONSTRUCTION (F022)
Alcínia Zita Sampaio

11:30-13:00 Session FSP 15.4
e-Health
(Room: Auditório 2)
Chair: Piet Kommers
SCALING E-HEALTH: AN ANALYSIS OF THE FUNCTIONS OF THE TECHNOLOGICAL INNOVATION SYSTEM AND THE ROLE OF GEOGRAPHIC PROXIMITY (F078)
Annemijn van Gorp and Bert Mulder
AN IMPACT ASSESSMENT FRAMEWORK FOR ELECTRONIC PATIENT RECORDS MANAGEMENT: A CASE OF NAMIBIA (F098)
Ronald Karon and Nomusa Dlodlo
INVESTIGATION OF EHEALTH LITERACY AMONG PATIENTS WITH DIABETES (S096)
Sophie Huey-Ming Guo
LIFELONG LEARNING ON TELEMEDICINE AT MEDICAL INSTITUTE OF RUDN-UNIVERSITY (P155)
Elena Lukianova, Valery Stolsyr, Tatiana Lyagunova, Ekaterina Shimkevich and Maya Amcheslavskaya

13:00 – 14:30 Lunch Break

14:10-15:30 Session FSP 15.5
New Media and e-Society // Internet Cultures and Space
(Room: Régie 2)
Chair: Alcinia Zita Sampaio
MEDIA INNOVATION AND BUSINESS MODELS: THE CASE OF END-TO-END IMMERSIVE AUDIOVISUAL SERVICES (F958)
Heritiana Ranaivoson and Simon Delaere
PROTECTION OF INTELLECTUAL PROPERTY RIGHTS IN POLAND FROM THE PERSPECTIVE OF POLISH YOUTH (S055)
Łukasz Tomczyk
REFLECTIONS ON DIGITAL IDENTITY IN THE ONTOLOGICAL CYBERSPACE (R168)
Ziyed Guelmami and François Nicolle
PRIVACY IN LOCATION-BASED APPLICATIONS FOR AIRPORT USERS (R210)
Nayra Rodriguez-Pérez and Pino Caballero-Gil

15:45 – Conference Tour and Dinner

Monday 16th, April 2018

08:30-13:15 Welcome Desk

09:00-11:00 Session FP 16.1
e-Business / e-Commerce
(Room: Régie 2)
Chair: Piet Kommers
THE EFFECTIVENESS OF USING SOCIAL MEDIA IN GOVERNMENT COMMUNICATION IN UAE (F020)
Elsayed B. Darwish
DIGITAL ANALYTICS IN BUSINESS PRACTICE – USAGE, CHALLENGES AND RELEVANT TOPICS (F107)
Darius Zamstein and Seraina Mohr
CONCENTRIC DIVERSIFICATION: GROWTH WITHOUT LOSING COMPETITIVENESS FOR A SMALL IT FIRM (F209)
Erick A. Arroyo-Blanco, Alexis E. Boza-Monge and Roberto Cortés-Morales
THE DEVELOPMENT OF B2C E-COMMERCE IN MACEDONIA: CURRENT SITUATION AND FUTURE POTENTIAL (F038)
Shkelqim Nazifi and Adrian Besimi
11:00 – 11:30 – Coffee Break

11:30-12:50 Session FSP 16.2  
e-Learning  
(Room: Régie 2)  
Chair: Piet Kommers

| SOCIAL MEDIA PLATFORMS: CO-CREATING CODES OF CONDUCT (F049) |
| Jenny Eppard, Awil Hashi, Sandra Baroudi and Marlieke Rodjen Helder |
| DESIGNING AN IOT-ENABLED GAMIFIED APP FOR EMPLOYEE ENERGY CONSERVATION AT THE WORKPLACE (F108) |
| Dimosthenis Kotsopoulos, Cleopatra Bardaki, Thanasis G. Papaissonou, Stavros Lounis and Katerina Pramatari |
| PROTOTYPING A PERSONAL LEARNING ENVIRONMENT (S073) |
| Timothy Arndt |

12:55 Best Paper Awards Ceremony and Closing Session  
(Room: Estudio)  
Prof. Piet Kommers