18th International Conference on e-Society (ES 2020)
13th International Conference on Information Systems (IS 2020)
16th International Conference on Mobile Learning (ML 2020)

PRELIMINARY CONFERENCE PROGRAM

**IMPORTANT NOTICE:** listed times are in GMT+1, you can check your timezone at [https://greenwichmeantime.com/time-zone/gmt-plus-1/](https://greenwichmeantime.com/time-zone/gmt-plus-1/) (you can use the provided URL to insert your location and see your time in relation to GMT+1).

**Thursday 2nd April 2020**

09:00-9:15 Session O – Opening Session


09:15-10:15 Session KL1 – Keynote Presentation

**20 YEARS OF MOBILE LEARNING – WHAT HAVE WE LEARNT?**

By Professor Mike Sharples, Emeritus Professor of Educational Technology, Institute of Educational Technology, The Open University, UK

10:15-10:30 Break

10:30-12:35 Session FSRP 2.1
eGovernment /eGovernance // Information Management

| AN OPERATIONALIZATION FOR COLLECTING EXPERTS’ OPINIONS ON THE DESIGN OF AN E-DELIBERATION TOOL (F036) |
| Alexandra Gheondea-Eladi, Mark Verhijde, Moasa Albashrawi, Vassilis Tsakanikas and Vassilis Triantafillou |
| EGOVERNMENT DIGITAL ADOPTION: CAN THE ADOPITIVE BEHAVIOUR OF INDIVIDUALS BE PREDICTED? (F158) |
| Samantha Papavasiliou and Carmen Reaiche |
| ASSESSING A DIGITALISED CITIZEN CONSULTATION PLATFORM BASED ON A QUALITATIVE SURVEY THE CASE OF VALAIS CANTON’S NEW CONSTITUTION (S101) |
| Emmanuel Fragnière, Vincent Grèzes, Martine Hofstätter, Dominic Juon, Sherine Seppey and Randolf Ramseyer |
| LOAD BALANCING APPROACH TO ENHANCE THE PERFORMANCE IN CLOUD COMPUTING (S132) |
| Noof Alarifi and Iehab Alrasan |
| STATISTICAL LITERACY AND BIG DATA (R054) |
| Carlos Monteiro and Karen François |
| INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT) AND THE SUSTAINABLE DEVELOPMENT GOALS (SDG) (P059) |
| Martin Grossman |

12:30 – 14:00 Break
14:00-16:00 Session FSP 2.2

Business Process Change // IS in Practice, Technology Infrastructures and Organisational Processes

THE EUROPEAN CODE OF CONDUCT ON CLOUD SERVICES AND DATA PORTABILITY: WHAT CHANGES IN THE CLOUD ECOSYSTEM (F023)
Marios Androussopoulos, John Violas, Dimitrios Askounis, Theodora Varvagiou, Panagiotis Kokkinakos and Christos Kontzinos

A PATTERN META-MODEL FOR BUSINESS PROCESS IMPROVEMENT (F038)
Nesrine Missaoui and Sonia Ayachi Ghannouchi

KNOWING WHICH APPS MANAGERS LIKE: A MANAGER APP PORTAL ACCOMMODATING THEIR USER PREFERENCES (F086)
José H. Mayer, Markus Esswein, Reiner Quick, and Sanjar Sayar

TOWARDS A CYBERSECURITY CULTURE TOOL THROUGH A HOLISTIC, MULTI-DIMENSIONAL ASSESSMENT FRAMEWORK (S020)
Kanaris Bounas, Anna Georgiadou, Michalis Kontoulis, Spiros Mouzakitis and Dimitrios Askounis

THE ROLE OF DIGITAL SUPPLY CHAIN IN CIRCULAR ECONOMY (F022)
María Isabel Roldán Bravo, Jéssica Braojos Gómez, Francisco Javier Lloréns Montes and Antonia Ruiz Moreno

14:00-16:00 Workshop Session

WORKSHOP ON CRITICAL DEVELOPMENT OF E-DELIBERATION TOOLS (W035)
Alexandra Gheondea-Eladi and Mark Verhijde

16:00-16:15 Break

16:15-18:30 FSRP 2.3

Tools, technologies and platforms for mLearning // mLearning in and across formal and informal settings

USING MOBILE TECHNOLOGY TO CROWDSOURCE THE AUGMENTATION OF DEEP LEARNING DATASETS (F132)
Chantelle Saliba and Dylan Seychell

MOBILE LEARNING IN HIGHER EDUCATION (S052)
Petra Bauer, Christine Kolb and Jasmin Bastian

USING MOBILE LEARNING AND RESEARCH BASED LEARNING TO ATTRACT STUDENTS INTO QUANTUM INFORMATION RESEARCH (S018)
Francisco Javier Delgado-Çepeda and Marco Benjamín Enríquez-Flores

VIRTUAL REALITY AND ITS IMPACT ON LEARNING SUCCESS (F071)
Thomas Keller, Elke Brucker-Kley and Christian Wyder

MODELING A SECURE EXAM MANAGEMENT SYSTEM (SEMS) FOR MOBILE ENVIRONMENT BASED ON FACE RECOGNITION AND GPS TECHNIQUES (S036)
Hervé B. Olou and Eugène C. Ezin

TEACHERS DIALOGUING ABOUT STATISTICAL LITERACY WITH SUPPORT OF MESSENGER APP FOR SMARTPHONES (R087)
Sérgia Oliveira, Liliane Carvalho, Carlos Monteiro and Carolina Carvalho

Friday 3rd April 2020

9:15-10:15 Session KL2 – Keynote Presentation

LEVERAGING BIG DATA FOR COMPETITIVE ADVANTAGE: A CONFIGURATIONAL APPROACH
By Associate Professor John Dong, Director, Digital Business Focus Area, Faculty of Economics & Business, University of Groningen, The Netherlands

10:15-10:30 Break

10:30-12:00 Session FSP 3.1

mLearning in and across formal and informal settings

A META-ANALYSIS OF SERIOUS MOBILE GAMES TO SUPPORT MUSEUM’S INFORMAL EDUCATIONAL (F090)
Meng Wang and Miguel Baptista Nunes

MOBILE TECHNOLOGY AFFECTING TEACHING AND LEARNING IN RURAL SCHOOLS (F048)
Maarten Hesselman, Adele Botha, Keneilwe Maromi, Sifiso Dlamini and Mario Marais

INVESTIGATING MOOC PLATFORMS AS A PROSPECTIVE TOOL FOR MOBILE LEARNING (F138)
Albena Antonova and Boyan Bontchev

STUDENT ACCEPTANCE OF LEARNING WITH TABLETS IN A HISTORY MUSEUM (S035)
Alan J. Wecker, Merav Yosfan, Billie Eliam, and Joel Lanir

12:30 – 14:00 Break
14:00-16:00 Session FP 3.2
Digital Marketing // Other

PERCEPTION AND RECOGNITION OF NATIVE ADVERTISING (F042)
Valerio Stallone

THE DIGITAL ADVERTISING ECOSYSTEM – STATUS QUO, CHALLENGES AND TRENDS (F048)
Nerma Gasic and Valerio Stallone

SUCCESS FACTORS OF E-COMMERCE – DRIVERS OF THE CONVERSION RATE AND BASKET VALUE (F061)
Darius Zamstein and Wolfgang Kotowski

REQUIREMENTS AND RECOMMENDATIONS FOR UNIVERSITY RESEARCH DATA REPOSITORY: A CASE STUDY (F096)
Fidan Limani, Arben Hajra, Metxhid Perali and Vladimir Radovski

16:00-16:15 Break

16:15-18:25 Session FSP 3.3
IS in Practice, Technology Infrastructures and Organisational Processes // Other

MATURITY ANALYSIS TO ASSESS THE CAPABILITY OF AN ORGANIZATION TO INNOVATE (F091)
Marc Adam, Marco Peter and Stella Gatziu Grivas

ASSESSMENT PLATFORM OF WATER AND ENERGY EFFICIENCY IN COLLECTIVE IRRIGATION SYSTEMS (S100)
André Antunes, Diogo Felicissimo, Bruno Ferreira and Nelson Carriço

THE DIGITAL MEDIATION OF MIGRATION: A QUALITATIVE THEMATIC SYNTHESIS (S150)
David Pannocchia, Petra Saskia Bayerl and Karen Latricia Hough

COMPARATIVE ANALYSIS OF SOFTWARE DEVELOPMENT METHODOLOGIES FOR SECURITY REQUIREMENT ANALYSIS: TOWARDS HEALTHCARE SECURITY PRACTICE (F157)
Prosper K. Yeng, Stephen D. Wolthusen and Buan Yang

HEDGING STRATEGIES IN THE ADOPTION AND USE OF E-GOVERNMENT SERVICES (F131)
Sharif Khan, Salah Kabanda and Adedapo Mobee

Saturday 4th April 2020

9:15-10:15 Session KL3 – Keynote Presentation

THE IMPACT OF THE SEMANTIC KNOWLEDGE GRAPHS AND BIG DATA ON THE DIGITAL ECONOMY
By Assoc. Prof. Svetla Boytcheva, Researcher, Linguistic Modelling and Knowledge Processing, Bulgarian Academy of Sciences and Ontotext Ltd., Bulgaria

10:15-10:30 Break

10:30-12:30 Session FSP 4.1
Pedagogical approaches, models and theories for mLearning // Enabling mLearning technologies, applications and uses

CONCEPTUALIZING MOBILE DIGITAL LITERACY SKILLS FOR EDUCATORS (F064)
Farshida Jahoor, Adele Botha, and Marlien Herselman

THE EFFECT OF TEACHING BY (MOBILE LEARNING) IN UNIVERSITY STUDENTS’ ACHIEVEMENT (S044)
Omar M. K. Mahasneh

MOBILE LEARNING IN OUTDOOR SETTINGS: A SYSTEMATIC REVIEW (F128)
Johan Stynme

EXPLORATION OF VIDEO E-LEARNING CONTENT WITH SMARTPHONES (F137)
Stefan Räbiger, Tizgberk Dañlıkç, Alperen Doğan, Bukek Karacay, Berk Türeikhen and Yücel Saygun

ENABLING MLearning TECHNOLOGIES INTO INTEGRATING OFF-CAMPUS INTERNSHIP AND CAPSTONE COURSES FOR TECHNOLOGICAL UNIVERSITY IN TAIWAN (P016)
Su-Chang Chen, Hsi-Chi Hsiao, Jen-Chia Chang, and Dyi-Cheng Chen

10:30-12:00 Session FSP 4.2
Collaborative Learning // Educational Systems Design // Data Analytics

CARROT-AND-STICK PROCEDURE WITHOUT CARROTS: VICARIOUS PUNISHMENT PROMPTS AND SYSTEM TRANSPARENCY IN E-LEARNING GROUPS (F166)
Filipa Stoyanova and Nicole C. Krämer

DESIGN HINTS FOR SMART AGENTS AS TEACHERS IN VIRTUAL LEARNING SPACES (F125)
Thomas Keller and Elke Brucker-Kley

TOWARDS A TAXONOMY OF GAMIFICATION DESIGNS FOR BUSINESS MODEL INNOVATION (S127)
Stavros Lounis, Katerina Pramatari and Georgios I. Doukidis

COMPARISON OF TWO FORECASTING METHODS IN TIME SERIES DATA WITH SEASONALITY (P154)
David Ramamonjisoa

12:30 – 14:00 Break
14:00-15:50 Session DSFP 4.3
Innovation and IS // IS Research Constraints, Limitations and Opportunities // Agile Methodologies

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16:00-16:15 Break

16:15-18:05 FSP 4.4
Technology and society

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18:10 Best Paper Awards Ceremony and Closing Session

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<td>Profs. Philip Powell, Miguel Baptista Nunes, Inmaculada Arnedillo Sánchez and Boyan Bontchev</td>
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