Thursday 2nd April 2020

09:00-9:15 Session O – Opening Session
Prof. Philip Powell, Miguel Baptista Nunes, Inmaculada Arnedillo Sánchez, Boyan Bontchev and Pedro Isaias

09:15-10:15 Session KL1 – Keynote Presentation
20 YEARS OF MOBILE LEARNING – WHAT HAVE WE LEARNED?
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
Chair: Boyan Bontchev

AN OPERATIONALIZATION FOR COLLECTING EXPERTS’ OPINIONS ON THE DESIGN OF AN E-DELIBERATION TOOL (F036)
Alexandra Gheondea-Eladi, Mark Verhijde, Moua Albashrawi, Vassilis Tsakanikas and Vassilis Triantafillou

EGOVERNMENT DIGITAL ADOPTION: CAN THE ADOPTIVE BEHAVIOUR OF INDIVIDUALS BE PREDICTED? (F158)
Samanta 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, Marine Hofstaedter, Dominic Juon, Sherine Seppey and Randolf Ramseyer

LOAD BALANCING APPROACH TO ENHANCE THE PERFORMANCE IN CLOUD COMPUTING (S132)
Noof Alarifi and Iehab Alrassan

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

Chair: Philip Powell

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

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

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

14:00-16:00 Workshop Session

16:00-16:15 Break

16:15-18:30 Session FSRP 2.3

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

Chair: Inmaculada Arnedillo Sánchez

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-Cepeda 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

10:30-12:20 Session FSP 3.1

mLearning in and across formal and informal settings

Chair: Boyan Bontchev

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)
Marleen Hesselman, Adele Botha, Keneilwe Maremi, 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 Lantir

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

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 Zumstein and Wolfgang Kotowski
REQUIREMENTS AND RECOMMENDATIONS FOR UNIVERSITY RESEARCH DATA REPOSITORY: A CASE STUDY (F096)
Fidan Lamani, Arben Hajra, MESHID FERATI and Vladimir Radevski

16:00-16:15 Break

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

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 BIAN YANG
HEDGING STRATEGIES IN THE ADOPTION AND USE OF E-GOVERNMENT SERVICES (F131)
Sharif Khan, Salah Kabanda and Adekunle 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
Chair: Marien Herselman

CONCEPTUALIZING MOBILE DIGITAL LITERACY SKILLS FOR EDUCATORS (F064)
Farshida Jahoor, Adele Botha, and Marien 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 Stymne
EXPLORATION OF VIDEO E-LEARNING CONTENT WITH SMARTPHONES (F137)
Stefan Räbiger, Tuğberk Dalkılıç, Alperen Doğan, Buket Karakaş, Berk Türetek and Yücel Saygın
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
**Chair:** Boyan Bontchev

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<td>CARROT-AND-STICK PROCEDURE WITHOUT CARROTS: VICARIOUS PUNISHMENT PROMPTS AND SYSTEM TRANSPARENCY IN E-LEARNING GROUPS (F166)</td>
<td>Filipa Stoyanova and Nicole C. Krämer</td>
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### 12:30 – 14:00 Break

### 14:00–15:50 Session DSFP 4.3
Innovation and IS // IS Research Constraints, Limitations and Opportunities // Agile Methodologies
**Chair:** Philip Powell

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### 16:00–16:15 Break

### 16:15–18:05 Session FSP 4.4
Technology and society
**Chair:** Darius Zumstein

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<td>Hannelore Nehring, Juliano Gianerti de Castro and Paulo Raimundi</td>
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### 18:10 Best Paper Awards Ceremony and Closing Session
**Profs.** Philip Powell, Miguel Baptista Nunes, Inmaculada Arnedillo Sánchez and Boyan Bontchev