## Saturday 9th, March 2024

**08:30-19:00 Welcome Desk** (closes for lunch – 13:00-14:15)

**09:40 -10:00 Session O – Opening Session**
**Room: Belmonte**

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<th>OPENING SESSION</th>
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<tr>
<td>Prof. Philip Powell, Miguel Baptista Nunes, Inmaculada Arnedillo Sánchez and Pedro Isaías</td>
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**10:00-11:00 Session KL – Keynote Presentation**
**Room: Belmonte**

**“DECODING DECISION MAKING: AI SENSEMAKING AND THE AUTHENTICITY DILEMMA IN IS STRATEGY”**
*Professor Ashok Jashapara, Professor of Innovation Studies, Royal Holloway – University of London, UK*

**11:00-11:30 Coffee Break**

**11:30-12:50 Session 9.1**
**E-Health**
**Room: Belmonte**

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<tr>
<th>Chair: Sabina Lissitsa</th>
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<tr>
<td>MEDIA DESIGN FOR ADOLESCENTS IN SEPARATION AND DIVORCE SITUATIONS (F172)</td>
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<tr>
<td>Mirella Moser, Severine Gomringer and Thomas Keller</td>
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<td>DIGITAL TRANSFORMATION IN THE HEALTHCARE SECTOR IN BRAZIL AND THE EFFECTS OF THE PANDEMIC ON PUBLIC HEALTH (F051)</td>
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<tr>
<td>Luciana Portilho and Manuela Maia Ribeiro</td>
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<td>THE USE OF GENERATIVE AI IN MEDICINE: A COMPARISON OF DIFFERENT LLMS ASSISTING WITH WOMEN’S FERTILITY INQUIRIES (S103)</td>
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<td>Mona Khadem Sameni</td>
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**11:30-12:50 Session 9.2**
**Research methods, ethics and implementation of mLearning // Innovative mLearning approaches**
**Room: Guimarães**

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<th>Chair: Melanie Talarico</th>
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<tr>
<td>THE FEELING OF SELF-EFFICACY AND ITS IMPACT ON PERFORMANCE ON A MOBILE LEARNING APPLICATION (F045)</td>
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<td>Nicolas Loiseau, Adrien Bruni, Pierre Paugpinos and Jean-Christophe Sukdavong</td>
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<td>COMMCGONITIVE CONFLICTS IN A VIRTUAL LEARNING ENVIRONMENT: EXPLORING THE AFFORDANCES OF MOBILE LEARNING FOR DISCOURSE ANALYSIS (S078)</td>
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<td>Mark N. Camayas and Maria Alva Q. Aberin</td>
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<td>IMPACT OF A GROWTH MINDSET INSTRUCTION ON MOBILE LEARNING IN GRADUATE TEACHER EDUCATION (S033)</td>
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<td>Yuliang Liu</td>
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<td>LEVERAGING COGNITIVE STRATEGIES IN CONTENT DESIGN TO SUPPORT CREATIVE THINKING IN MOBILE LEARNING (P976)</td>
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<td>Robert Zheng</td>
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**13:00-14:15 Lunch Break**
### 14:15-15:15 Session KL2 – Keynote Presentation

**Room:** Belmonte


*Dr. Inmaculada Arnedillo-Sánchez, Trinity College Dublin, The University of Dublin, Ireland*

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### 15:15-16:25 Session 9.3
eGovernment /eGovernance // Other

**Room:** Belmonte

**Chair:** Tetsuya Yokotani

**ELECTRONIC GOVERNMENT AND THE LIMITATIONS OF CITIZEN INTERACTIVITY: A BRAZIL AND PORTUGAL ANALYSIS** (F192)

*Diario de Azevedo Nogueira Júnior*

**TOWARDS A MORE ENGAGED DEMOCRACY: USING STATISTICAL METHODS TO DETECT ELECTION FRAUD IN THE 2022 PHILIPPINE NATIONAL ELECTIONS** (S128)

*Juan Miguel Cardaito, Bryan Patrick Mande, Seth William Tionko, Aldrich Ellis Asuncion and Jeric Briones*

**FACETS OF CYBERCRIME ENCOUNTERED UNDER COVID PANDEMIC: THE MANIFOLD LANDSCAPE AND LESSONS TO BE LEARNED** (S105)

*Ameema Miftia, Marc Conrad and Marcia Gibson*

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### 15:15-16:15 Session 9.4

Tools, technologies and platforms for mLearning

**Room:** Guimarães

**Chair:** Maria Alva Aberin

**SPART – AN AFFORDABLE MOBILE AUGMENTED REALITY ALTERNATIVE TO INTERACTIVE TABLETOPS IN EDUCATION** (F030)

*Sebastian Simon, Iza Marfisi-Schottman and Sébastien George*

**EMPOWERING RURAL AND REMOTE HEALTH PROFESSIONALS TRAINING: A COST-EFFECTIVE SKIN SUTURING SIMULATOR FOR MOBILE LEARNING IN CLINICAL SKILLS ACQUISITION** (F079)

*Rebecca Mosaad, Julia Micallef, Aliyat Olatinwo, Gordon Brock and Adam Dubrowski*

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### 16:15-16:45 Break

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### 16:45-18:25 Session 9.5

Information Management // Privacy Issues

**Room:** Belmonte

**Chair:** Marco Lazzari

**AN EQUATION OF NO RETURN: CYBERSECURITY + HUMAN FACTORS** (F039)

*Dulce Mourato and Paula Amaro*

**EXPLORING INFLUENTIAL FACTORS IN KNOWLEDGE SHARING WITHIN INDONESIAN PRISONS** (F143)

*Ejo Imandeka, Achmad Nizar Hidayanto, Herra Sahartanto and Ian Pidanic*

**PRIVACY AND DIGITAL GOVERNMENT: PERSPECTIVES FROM PUBLIC ORGANIZATIONS IN BRAZIL** (S064)

*Manuella Maia Ribeiro and Luciana Portilho*

**IDENTIFICATION OF PROSTATE CANCER RISK FACTORS USING THE PROSTATE, LUNG, COLORECTAL, AND OVARIAN (PLCO) TRIAL DATA** (S086)

*Alexander Chen, Jeffrey Wang, Davis Zhang, Zhiming Yang and Yulong Gu*

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### 16:45-17:55 Session 9.6

Tools, technologies and platforms for mLearning// Evaluation and assessment of mLearning

**Room:** Sintra

**Chair:** Immaculada Arnedillo Sánchez

**AN EDUCATIONAL OUTCOME MEASURING INSTRUMENT FOR THREADED DISCUSSION LEARNING USING DEPTH SCORING** (D037)

*Ian McGowan*

**DIGITAL RESOURCES IN MOBILE LEARNING AND SOME ASPECTS OF TEACHING AND EDUCATION ENVIRONMENT** (S047)

*Albena Naskova, Emilia Chenganova and Valentina Milenkova*

**VIRTUNITA: ENRICHING UNIVERSITY EXPLORATION THROUGH MOBILE LEARNING WITH A GAMIFIED VIRTUAL TOUR** (S052)

*Barbara Bruschi, Theofild-Andrei Lazar, Manuela Repetto, Fabiola Camandona, Melania Talarico, Damaris Baciu and Simone Zamarian*
PSYCHOLOGICAL AND ORGANIZATIONAL ASPECTS OF REMOTE INTERACTION BETWEEN DOCTOR AND PATIENT DURING TELECONSULTATIONS FOR REMOTE ROTATIONAL SETTLEMENTS USING FEEDBACK (P110)
Alexander Penkov, Roman Chertovskikh, Valery Stolyar, Maya Ancheslavskaya, Catherine Shimkevich and Tatyana Lyapunova

CRITICAL THINKING DIGITAL SKILLS AMONG GENERATIONS X, Y, Z (F018)
Sabina Lisitsa

CAN'T WE JUST USE COMPUTERS? INITIAL EFFORTS ON TECHNOLOGY-ENHANCED LEARNING OF OPERATIONS RESEARCH IN A PHILIPPINE UNIVERSITY (S076)
Lester C. Hao, Jeric C. Briones and Mark Anthony C. Tolentino

DID THE COVID-19 PANDEMIC BOOST THE SPREAD OF DIGITAL DEVICES IN HOUSEHOLD? THE ITALIAN SITUATION FROM AN EDUCATIONAL PERSPECTIVE (S167)
Marco Lazzari and Federica Baroni

Utilizing technology in a professional development program on problem-solving for filipino mathematics teachers (S080)
Chara Deanna F. Punzal, Lester C. Hao, Eden Delight P. Miro and Romina Ann S. Yap

Two ‘use cases’ of chatgpt in medical education identified in the literature: interactive dialogue and content generation (R035)
Heather L. Green and Yulong Gu

PreDicting the impact of tiktok live streaming quality on purchase intention through self-determination theory (f095)
Arina Aunaka, Fauziah Putri Fajrianti, Mazzana Nur Lubis, Syifa Mumtaz, Wazzyh, Vania Azria Wardani and Widia Resti Fitriani

Examining the important of live-streaming experience on social commerce: Impacts on commitment and purchase intention (f089)
Alvia Amnissa Dhiyantari, Natharya Shalalsabila Putri, Naura Sofia, Shafira Alvia Chairunnisa, Fatimah Azzahoro and Achnad Nizar Hidayanto

EU Right to justifications for post-scoring classifiers (F121)
Diego Mergado Rebelo, Francisco Pacheco de Andrade and Paulo Novais

Emotional attachment and the purchase intention of social media brand followers: a socio-technical approach (f098)
Bima Sudarsono Adinsa, Karimah, Samuel Raja Panggabean, Shahibqa Amani, Zidan Amukti Rajendra and Anmisa Monicha Sari

Enhancing purchase intentions through live streaming: an investigation of shopee’s live-streaming (s100)
Ahmad Rafiuddin, Alfred Prasetio, Achar Addzikri, Mirza Faisal, Shehaunmuky Reksoaminoto and Ika Chandra Hapsari

Sunday 10th, March 2024

08:20-15:30 Welcome Desk (closes for lunch – 13:00-14:15)

08:40-11:00 Session 1.1

Intelligent Systems // IS Security Issues
Room: Braganca

Chair: Yulong Gu

Security systems in greek health care institutions: a scoping review towards an effective benchmarking approach (f127)
Savina Mariettou, Constantinou Kontsojannis and Vassilis Triantafyllou

Training an artificial intelligence model for the detection of gestures related to trichotillomania (f137)
Daniel Victor Costa de Gois Paulino and Robinson Luís de Souza Alves

Artificial intelligence based module for melanoma detection using dermoscopy images (f153)
Sávio Araújo Carvalho Alves, João Augusto Dinz Mora and Robinson Luís de Souza Alves
11:00-11:30 Coffee Break

11:30-12:50 Session 10.3
Smart Cities
Room: Guimarães
Chair: Thomas Keller

THE ROLE OF SOCIAL MEDIA TO NATURAL DISASTER OR CRISIS (F126)
Vassilis Kanellopoulos, Vassilis Triantafyllou, Constantinos Koutsoyannis and Efthymis Lekkas
E-SOCIETY: A BIBLIOMETRIC PANORAMA (F125)
Gustavo Simas da Silva
IMPLEMENTING A SMART CITY DIGITAL TWIN USING THE RAPIDS ARCHITECTURE (S140)
Atul Suresh, Varun V. Valapel, Roy George and Khalil Shujaee

11:30-12:55 Session 10.4
Tools, technologies and platforms for mLearning
Room: Bragança
Chair: Immaculada Arnedillo Sánchez

THE CONVERGENT VALIDITY OF MOBILE LEARNING APPS’ USABILITY EVALUATION BY POPULAR GENERATIVE ARTIFICIAL INTELLIGENCE (AI) ROBOTS (F085)
Victor K. Y. Chan
GEOGEBRA APPLETS FOR FOSTERING CONCEPTUAL UNDERSTANDING IN ALGEBRA (F049)
Ma. Louise Antonette N. De Las Peñas, Mark Anthony C. Tolentino, Maria Alva Q. Aberin, Agnes D. Garcia, Juan Carlo F. Mallari, Jumela F. Sarmiento and Debbie Marie B. Verzosa
DESIGN PATTERNS FOR MOBILE LEARNING IN DIGITAL MULTICULTURAL ACADERMIC COURSES (R019)
Liat Eyal and Talia Truister
INTEGRATION OF LANGUAGE LEARNING MOBILE APPLICATION IN UNIVERSITY LANGUAGE PROGRAM (P055)
Katarzyna Gajda

13:00-14:15 Lunch Break

14:15-15:15 Session 10.5
Augmented Reality / Digital inclusion
Room: Guimarães
Chair: Boroto Hwabamungu

VIDE GOLD. DIGITIZATION, HETEROGENEITY AND CONVERGENCE ON EIGHT MUSEUMS AND ARCHEOLOGICAL SITES IN THE SOUTH OF ITALY (F118)
Dalia Gallico
HOW MUSEUMS CAN USE THE METAVERSE TO INCREASE AWARENESS (F170)
Nikolaos Misirlis and Huong Giang Nguyen

14:15-15:20 Session 10.6
eBusiness / eCommerce
Room: Bragança
Chair: Lester Hao

INTERSECTION OF ECONOMIC INTELLIGENCE, BLOCKCHAIN AND PUBLIC ADMINISTRATION (R186)
Frédéric Simon Bernard
ETHICAL USE OF ARTIFICIAL INTELLIGENCE (AI) AMONG STUDENTS: DRIVING FACTORS FROM DEONTOLOGICAL AND TELEOLOGICAL PERSPECTIVES (F097)
Dunang Widyoorukmaniyo Arissetyanto Soehardjo, Steven Samuel Hutoapea, Nathanael Horasi, Al Ghifari Enerza Sentamu, Luthfi Alnazhary and Pramitha Dwi Larasati
WHAT IS THE TRUTH AND CURRENT SITUATION OF THE METAVERSE? CONSUMERS POINT OF VIEW (S069)
Sonia San-Martín and Cristina Torrego

15:30 – Conference Tour and Dinner
**Monday 11\textsuperscript{th}, March 2024**

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<tr>
<td>08:45-13:00</td>
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| 09:00-11:00    | Session 11.1  
Technology and Society // Digital Transformation  
Room: Guimarães  
Chair: Jeric Briones |
|                | A NON-INTRUSIVE TOOL FOR GLOBAL NAVIGATION SATELLITE SYSTEM MODULE INSPECTION (F044)  
Antoine Bussard |
|                | SOCIAL MEDIA USE AND NEGATIVE EMOTIONS: A SURVEY OF UNIVERSITY STUDENTS (F202)  
Vanessa P. Denmen and Yasin Yalçin |
|                | BARRIERS TO STAKEHOLDER INVOLVEMENT IN THE DIGITALISATION OF THE UNITED KINGDOM CONSTRUCTION  
INDUSTRY (F122)  
Boroto Hvehamungu |
|                | OPPORTUNITIES AND LIMITS OF AI-SUPPORTED GENERATION OF PRODUCT DESCRIPTIONS (F179)  
Gino Bernardini, Marek Opuszko and Meena Stöbesand |
| 09:00-11:00    | Tutorial  
Room: Bragança  
EMPOWER STUDENT TUTORS IN HYBRID TEACHING ENVIRONMENTS (T026)  
Melanie Ludwig and Michelle Pippig |
| 11:00-11:30    | Coffee Break                                                                                 |
| 11:30-12:40    | Session 11.2  
Internet of Things (IoT)  
Room: Guimarães  
Chair: Mona Khadem Sameni |
|                | HORIZONTALLY INTEGRATED IOT SYSTEMS AND THEIR LIMITATIONS (F152)  
Richard Dabels, Marvin Davieds, Frank Russow and Thomas Mundt |
|                | PRIVACY AND DIGITAL LITERACY IN THE INTERNET OF THINGS (S084)  
Nelson Vieira and Mary Barreto |
|                | PROPOSAL ON DISTRIBUTED MQTT BROKERS ARCHITECTURE (S158)  
Kazuhiro Kosaka, Masaki Mitsuuchi, Tetsuya Yokotani and Kotchi Ishibashi |
| 11:30-12:40    | Session 11.3  
Innovative mLearning approaches  
Room: Bragança  
Chair: Johannes Cronje |
|                | EDUCITY, A PROJECT FOR A SUSTAINABLE SMART LEARNING CITY ENVIRONMENT – PRELIMINARY RESULTS (F029)  
Rita Rodrigues, João Ferreira-Santos, Julia Draghi, Margarida M. Marques and Lucia Pombo |
|                | COCO: A SYSTEM FOR SUPPORTING COLOCATED COLLABORATIVE LEARNING WITH TABLETS (S090)  
Mia Carapina and Kludio Pap |
|                | EXPLORING EDUCATOR EXPERIENCES WITH MOBILE LEARNING SOFTWARE: UNDERSTANDING THE INTERPLAY OF  
THEMES (S040)  
Zandile Mboneni and Johannes Cronje |
| 12:50          | Best Paper Awards Ceremony and Closing Session  
Room: Guimarães  
Prof. Philip Powell, Miguel Baptista Nunes, Inmaculada Arnedillo Sánchez, Piet Kommers and Pedro Isaias |
You are invited to check the virtual presentations below.

Video Presentations

e-Society

Online: Youtube

ONLINE TRANSDIAGNOSTIC INTERVENTION FOR EMOTIONAL, TRAUMA- AND STRESSOR-RELATED DISORDERS IN THE MEXICAN POPULATION (S042)
Anabel de la Rosa Gómez, Lorena Alejandra Flores Plata, Raquel García Flores, Pablo Valencia, Dulce Díaz Sosa and Alejandrina Hernández Posadas

EXPECTATIONS FOR THE USE OF TELPSYCHOLOGY IN THE PROMOTION OF HEALTHY HABITS IN MEXICAN ADULTS FOR THE DEVELOPMENT OF A MOBILE APP (P047)
Lorena Alejandra Flores Plata, Anabel de la Rosa Gómez, Javier Darío Ríos Castillo, Zuleyca Pérez Martínez, Blanca Anel Perea Aguirre and Liliana Moreyra Jiménez

HARDWARE AND SOFTWARE INVENTORY BEST PRACTICES APPLIED TO GOVERNMENT COMPUTER NETWORK AND SYSTEMS (F183)
Welber Santos de Oliveira, Felipe Barreto de Oliveira, Fábio Lúcio Lopes de Mendonça, Luiz Augusto dos Santos Pires, Renato José da Silva Camões, Robson de Oliveira Albarquerque and Georges Daniel Amvame Nze