14th IADIS International Conference Information Systems 2021

CONFERENCE PROGRAM

IMPORTANT NOTICE: listed times are in **GMT+0 (Lisbon Time)**, you can check your timezone at **https://greenwichmeantime.com/time-zone/gmt-plus-0/** (you can use the provided URL to insert your location and see your time in relation to GMT+0).

Wednesday 3rd, March 2021

09:15-09:30 Session O – Opening Session

OPENING SESSION
Profs.Philip Powell, Miguel Baptista Nunes and Pedro Isaías

09:30-10:30 Session KL – Keynote Presentation

"REFLECTIONS OF A SENIOR SCHOLAR"
Professor Robert M Davison, Dept of Information Systems,City University of Hong Kong, Hong Kong

10:30-10:45 Break

10:45-12:35 Session FSP 3.1
IS Design, Development and Management Issues and Methodologies
Chair: Philip Powell

E-SHOPS EVALUATION DURING COVID-19 LOCKDOWN USING E-S-QUAL AND AHP-TOPSIS (F056)
Xenia J. Mamakou and Konstantina – Porfyria Roumeliotou
USER-ADAPTIVE NOTIFICATION SOUND ASSIGNMENT FOR NOTIFICATION MESSAGES (F122)
Marina Sakai, Junko Shirogane, Hajime Iwata and Yoshiaki Fukazawa
MEDIATING SOCIAL TOURISM EXPERIENCES THROUGH A MOBILE APPLICATION (F086)
Luís C. S. Barradas, João Nascimento, Sandra Oliveira, Susana Leal, Carla Vivas and André Alves
ANALYSIS, DESIGN AND IMPLEMENTATION OF A VACCINATION INFORMATION SYSTEM (S063)
Blirona Keraj and Igli Hakrama

12:35-14:00 Lunch Break

14:00-16:20 Session FSP 3.2
Design and Development Methodologies and Frameworks // IS in Practice, Technology Infrastructures and Organisational Processes
Chair: Xenia Mamakou

BEHAVIORAL PROGRAMMING WITH A SUBSET OF NATURAL LANGAUGE: AN EVALUATION STUDY (F133)
Michal Gordon-Kiwkowitz and David Harel
A HOLISTIC FRAMEWORK FOR INFORMATION SYSTEM FOR THE MANAGEMENT OF INDOOR ENVIRONMENTAL QUALITIES (IEQ) IN BUILT FACILITIES (F036)
Ahmed M. Ibrahim, Mohammad A. Hassanain and Ibrahim A. Hameed
ENTERPRISE ARCHITECTURE ARTIFACTS FACILITATING DIGITAL TRANSFORMATIONS' STRATEGIC PLANNING PROCESS (F059)
Frank Grave, Rogier van de Wetering and Rob Kusters
PRODUCT MANAGEMENT FOR INDUSTRIAL PRODUCT SERVICE SYSTEMS: A MODEL TOWARDS THE UNDERSTANDING OF THE ROLE OF PRODUCT MANAGEMENT (F053)
Marina Brunner and Christian Schieder
AN ONTOLOGY-BASED APPROACH TO STRUCTURE BUSINESS MODEL INNOVATION CASES (S018)
Marco Peter

08:00-10:30 Session FP 4.1
IS Management // Information Management // Knowledge Management
Chair: Hardy Pundt

A DEEP LEARNING BASED TRAFFIC CLASSIFICATION IN SOFTWARE DEFINED NETWORKING (F034)
Rahma Hammedi
A NETWORK ANALYSIS OF IT-CMF (F110)
Fábio Longo De Moura and Filipe De Sá-Soares
TRUST EVALUATION IN ONLINE SOCIAL NETWORKS (F077)
Christina Sanchita Shah and Mankoottathil Paulose Sebastian
A CASE STUDY FOR SUMMARY WRITING WITH A GRAPHIC ORGANIZER IN WEB-BASED INVESTIGATIVE LEARNING (F149)
Oriko Harada and Akihiro Kashihara
KNOWLEDGE MANAGEMENT: THE TRUTH BEHIND THE CONCEPT (F114)
Sidney Viana, Luis Vellacich, Marcos Miranda and Carolina Pereira

10:30-10:45 Break

10:45-12:15 Session FP 4.2
Ethical, social, privacy, security and moral issues in an e-society // The role of information in the information society
Chair: Karsten Böhm

A THREE-YEAR STUDY OF THE GDPR AND THE CONSUMER (F147)
Wanda Presthus and Hanne Sørum
DETERMINATION OF RESEARCH TRENDS IN COVID-19 LITERATURE USING TOPIC MODEL APPROACH (F042)
Eda Sonmez and Keziban Seckin Codal
EXAMINING HOW CONSUMERS FORM CREDIBILITY PERCEPTION TOWARDS YOUTUBE PRODUCT REVIEWS (F130)
Ghadeer Alsaeed, Kathleen Keeling, Panagiotis Sarantopoulos, and Eman Gadalla

12:15-14:00 Lunch Break

14:00-16:05 Session FSP 4.3
IS Learning and Teaching / IS in Practice, Technology Infrastructures and Organisational Processes
Chair: Xenia Mamakou

AGILE LEARNING LOOPS – COMBINING AGILE APPROACHES IN HIGHER EDUCATION PROGRAMS (F066)
Karsten Böhm and Yvonne Unnold
STRUCTURING A COMPETENCY REPOSITORY - APPLICATION TO THE DOMAIN OF INFORMATION SYSTEMS (F121)
Ahmed Bounekkar, Corine Cauvet, Cyrille Desmoulins, Daniel Marquie, Michel Schneider, Carine Souveyet and Cédric Teyssie
A SYSTEMATIC LITERATURE REVIEW ON THE SOCIAL AFFORDANCES OF SOCIAL MEDIA FOR INFORMAL LEARNING ENVIRONMENTS (F069)
Maryam Meshari Almukhaylid, Salah Kabanda and Nawal Nasser Al-Haidari
DEVELOPING A MOBILE SOCIAL LEARNING APPLICATION FOR INTERDISCIPLINARY TECHNOLOGY COURSES (S032)
Brian Thoms and Evren Eryilmaz
TOWARDS SMART GOVERNMENT WITH A THEORETICAL STRATEGY MODEL(F145)
Meriem Bensaid and Salah Baina

Friday 5th, March 2021

08:40-10:30 Session FSP 5.1
Power, Cultural, Behavioural and Political issues // The centrality of IS and IT in Organisational Processes
Chair: Samiaji Sarosa

EXPLORING THE IMPACT OF PERSONALITY TRAITS AND TECHNICAL AFFINITY ON THE APPEARANCE OF TECHNOSTRESS (F048) *Maximilian Lang and Christian Schieder* **FORCED ELEARNING USAGE: EXTENDING THEORY OF PLANNED BEHAVIOUR WITH PERCEIVED COST DURING COVID19 PANDEMIC (F088)** *Samiaji Sarosa* **ASSESSING CUSTOMERS' CONTINUANCE INTENTION FOR M-PAYMENT USE FROM THE CROSS-NATIONALITY PERSPECTIVE: AN EMPIRICAL STUDY (F107)** *Qian Huang, Mahbubur Rahim and Misita Anwar* **THE IMPACT OF SOCIAL MEDIA USE AND CONTENT ON THE YOUNGER GENERATION'S MENTAL HEALTH IN INDONESIA (F115)** *Selina Maurizka, Putu Wuri Handayani and Widia Resti Fitriani* **PROCESS MINING IMPLEMENTATION BENEFITS FOR ORGANIZATIONS USING ERP SYSTEMS (S096)** *Effah A. Kadasah*

10:30-10:45 Break

10:45-12:10 Session FSP 5.2
Design and Development Methodologies and Frameworks // IS Project Management
Chair: Roger Maull

A FRAMEWORK FOR IT PROJECT COMPLEXITY MANAGEMENT (F119) *Stefan Morcov, Liliane Pintelon and Rob J. Kusters* **PATTERNS OF ADOPTION OF AGILE TOOLS (S127)** *Roger Maull, Wendy Maull and Alan Brown* **THE HYBRID MAS APPROACH FOR INFORMATION SYSTEM DEVELOPMENT IN "CYBER TRAINER" (S137)** *Agnese Salutari, Laura Tarantino, Mauro Evangelista and Giulio Nazzicone* **THE INSIDER THREAT MINIMIZATION AND MITIGATION FRAMEWORK (F136)** *Ghassan (Gus) Jabbour and Jason J. Jabbour*

12:10-14:00 Lunch Break

14:00-15:50 Session FSRP 5.3
IS Research // Design Research and the Sciences of the Artificial in IS
Chair: Luis Claudio Barradas

TRANSLATING GRAFCET SPECIFICATIONS INTO C/UNIX PROGRAM (F035) *Nacéra Benaouda and Abdelhafid Benaouda* **DIGITALIZATION OF ADMINISTRATIVE PROCESS IN THE GERMAN HEALTHCARE SYSTEM WITH THE FOCUS ON DENTAL PRACTICES (F138)** *Karolin Bosch, Linda Mosenthin and Christian Schieder* **OPEN SPATIAL DATA FOR DECISION MAKING – REQUIREMENTS AND QUALITATIVE CONSIDERATIONS (S144)** *Hardy Pundt* **USE OF ARTIFICIAL INTELLIGENCE TECHNOLOGIES IN E-COMMERCE AND BUSINESS PROCESSES (R079)** *Anna Nikolajeva* **A CALL FOR MORE SOCIOMATERIALITY AND ITS USAGE IN RESEARCH ON DIGITAL TRANSFORMATION (R080)** *Sven Packmohr*

15:50 Best Paper Awards Ceremony and Closing Session

Profs. Philip Powell and Miguel Baptista Nunes