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
Prof. 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 – Poryfria Roumeliotou

USER-ADAPTIVE NOTIFICATION SOUND ASSIGNMENT FOR NOTIFICATION MESSAGES (F122)
Marina Sakai, Junko Shiragane, Hajime Iwata and Yoshiauki 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 LANGUAGE: AN EVALUATION STUDY (F133)
Michal Gordon-Kwokowitz 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
### Thursday 4th, March 2021

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

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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*

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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 Manakou*

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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)
  Quan 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 Maaizika, Putu Wuri Handayani and Widia Resti Fitriani
- Process Mining Implementation Benefits for Organizations Using ERP Systems (S096)
  Elfish 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

14:00-15:00 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 Päckmohr

15:50 Best Paper Awards Ceremony and Closing Session
Profs. Philip Powell and Miguel Baptista Nunes