11th IADIS International Conference on Information Systems (IS 2018)

CONFERENCE PROGRAM

Saturday 14th, April 2018

08:30-19:15 Welcome Desk

09:45-10:00 Session O – Opening Session
(Room: Estúdio)

OPENING SESSION

Prof. Philip Powell and Miguel Baptista Nunes

10:00-11:00 Session KL1 – Keynote Presentation
(Room: Estúdio)

HOW USER BEHAVIOUR AND INFORMATION MANAGEMENT ARE NOW CRITICAL FOR IT MANAGEMENT
by Professor Bob O’Keefe, Vice-Principal for Student Experience and Dean of the Faculty of Management, Economics & Law, Royal Holloway, University of London, UK

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 14.1
Innovation and IS // IS Professional Issues
(Room: Régie 2)

Chair: Everist Limaj

AMERICAN APPAREL’S JOURNEY TOWARDS ACCURATE INVENTORY MANAGEMENT PRELUDE TO OMNICHANNEL RETAILING (F109)
Rebecca Angeles

A SYSTEMATIC MAPPING STUDY ON MOBILE INFORMATION SYSTEMS AND SECURITY (F073)
Gizem Öğütçü, Esma Ergün Özoğuz and Murat Pasa Uysal

MIGRATING GOOGLE CLOUD SDK TO THE CLOUD CASE STUDY: GAE LAUNCHER (S170)
Orges Çiço, Zamir Dika, Betim Çiço and Kozeta Sevrani

11:30-13:10 Session FSP 14.2
IS Learning and Teaching
(Room: Auditório 2)

Chair: Miguel Baptista Nunes

USING THE STRUCTURE OF TACIT KNOWING FOR ACQUIRING A HOLISTIC VIEW ON IS FIELD (F034)
Ilia Bider and Martin Henkel

COMPUTER INFORMATION SYSTEM CURRICULUM NEEDS REVAMPING A DIGITAL INFORMATION TECHNOLOGY PROGRAM (F103)
Bijan Mashaei

VISUALIZING THE SYNTAX OF GRADUAL TRANSITIONS IN TEACHING DATABASE MODELING (S097)
Adi Katz

A FRAMEWORK FOR TRACKING AND ASSESSMENT OF CURRICULA EVOLUTION (S134)
Vangel V. Ajanovski

13:00 – 14:30 Lunch Break

14:30-16:25 Session FSRP 14.3
IS in Practice, Technology Infrastructures and Organisational Processes
(Room: Régie 2)

Chair: Anne Burke

MOBILE AND WEARABLE TECHNOLOGIES IN HEALTHCARE: A SYSTEMATIC REVIEW AND THE STATE-OF-THE-ART (F028)
Tansu Pancar and Sevgi Özkın Yıldırım

CONCEPTUALIZING BLOCKCHAINs: CHARACTERISTICS & APPLICATIONS (F126)
Karim Sultan, Umar Ruhi and Rubina Lakhani

INVESTIGATING A TECHNIQUE TO ANALYSE SOCIAL MEDIA DATA (S055)
Lizani Botha, Estelle Taylor and Magda Huisman

POLITICAL PARTICIPATION IN TIMES OF BOLOGNA AND SOCIAL WEB – A GROUNDED THEORY FROM A STUDENTS’ POINT OF VIEW (S065)
Gerald Wolf

REVIEW OF BIG DATA: POSSIBLE OPPORTUNITIES AND CHALLENGES FOR ORGANISATIONS (R166)
Gizem Erboz
## 14:30-16:30 Tutorial
(Room: Auditório 2)

**FRACTAL ENTERPRISE MODEL AND ITS USAGE FOR BUSINESS MODEL INNOVATION**
Ilia Bider

### 16:30-17:00 Coffee Break

### 17:00-19:15 Session FSRP 14.4
IS Research
(Room: Régie 2)

**Chair: Adi Katz**

- *Forecasting Tourism Demand for Lisbon’s Region through a Data Mining Approach* (F036)
  Hugo Ricardo, Ivo Gonçalves and Ana Cristina Costa
- *Engagement, Context and Information System Trajectory: Modeling Customer Experience in Insurance* (F088)
  Gilles Beaudon and Eddie Soulier
- *Business Intelligence Application in Adaptation of SERVQUAL Scale at Brazilian Health System* (F117)
  Galba Freire Moita, Claudio Gonçalves Bernardo, Juliana Caetana da Costa and Danilo Afonso de Azevedo
- *Improving Document Retrieval with a Clustering Based Relevance Feedback System* (S052)
  Johannes Darm and Jens Dörpinghaus
- *Big Data Systems: A Renewed Definition of the Concept* (R168)
  Everist Limaj and Edona Bilali
- *Graph Based Discovery in Biomedical Information Systems Connecting Scientific Texts with Structured Expert Knowledge* (P039)
  Jens Dörpinghaus, Marc Jacobs and Juliane Fluck

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**Sunday 15th, April 2018**

### 08:30-15:45 Welcome Desk

### 09:00-11:00 Session FSRP 15.1
Innovation and Knowledge Management // Knowledge Management
(Room: Estúdio)

**Chair: Ilia Bider**

- *Knowledge Orchestration and Activity Objects in Crowdsourced Digital Innovation* (F090)
  Jiayuan Liu
- *Streamlining Processes for Digitalization* (F144)
  Azeem Lodhi, Veit Köppen, Gunter Saake and Klaus Turowski
- *Knowledge Management for the Conservation of Biodiversity and the Sustainability of Ecosystem Services* (S174)
  Johan Manuel Redondo
- *Towards Longevity of Knowledge* (R127)
  Federico Grasso Toro
- *Alzheimer Early Detection by Hadoop Data-Mining* (R105)
  Dror Ben-Ami
- *SDA: Towards a Novel Knowledge Discovery Model for Information Systems* (P042)
  Marc Jacobs, Sven Hodapp and Jens Dörpinghaus

### 11:00-11:30 Coffee Break

### 11:30-13:00 Session FP 15.2
IS and SMEs
(Room: Estúdio)

**Chair: Miguel Baptista Nunes**

- *Mobile Technologies and Entrepreneurial Development – Identifying the Missing Link* (F020)
  Atika Ahmad Kemal
- *The Influence of IS on Knowledge Sharing in Multinational Manufacturing Networks: Experiences from Albanian and Macedonian Plants* (F045)
  Kreshnik Vukatana, Adrian Besimi, Kocefa Sevran, Zamir Dika, Betim Çiço and Elita Hoxha
- *Managing Agile and Dev-ops Activities Through a Consolidated Web Portal: South African Case Study* (F123)
  Abdel Kader Doukoure Gaoussou and Ernest Mkandla

### 13:00 – 14:30 Lunch Break
14:30-15:40 Session FSP 15.3
Information Management
(Room: Estúdio)
Chair: Johan Manuel Redondo

A CYBERSECURITY MODEL FOR MOBILE DEVICES AIMED AT SMES THAT USE FREELancers AND BYOD SCHEMES (F140)
Ramon Bruderer, Moises Villena, Manuel Tapia and Mariussi Bracca

COGNITIVE INFORMATION SYSTEMS OVERVIEW AND RESEARCH PROPOSAL (S060)
Bálint Molnár and Dóra Mattyasovszky-Philipp

INTEGRATION OF CONOPS AND TOGAF ADM TO BENEFIT ADAPTIVE ENTERPRISE ARCHITECTURE (S142)
Nada Olayan and Shuichiro Yamamoto

15:45 – Conference Tour and Dinner

Monday 16th, April 2018

08:30-13:00 Welcome Desk

09:00-11:00 Session FP 16.1
IS in Practice, Technology Infrastructures and Organisational Processes // IS and Organisation Development
(Room: Auditório 2)
Chair: Rebecca Angeles

PREDICTING OPINION LEADERS IN LARGE SCALE ENTERPRISE ONLINE SOCIAL NETWORKS (F175)
Maryam Shababi, Nazim Choudhury, Majid Shababi and Deborah Bunker

REFLECTIONS ON THE IMPEDIMENTS TO INFORMATION SYSTEMS STRATEGIC ALIGNMENT IN PUBLIC SECTOR ORGANISATIONS IDENTIFIED THROUGH A PROCESSUAL LENS (F071)
Anne Burke and Joseph McDonagh

DON’T STOP ME NOW: EMERGENT ORGANISATIONAL PRACTICES ON SOCIAL MEDIA (F158)
Maxim Viktor Wolf, Julian Sims and Huadong Yang

MULTIDIMENSIONAL FRAMEWORK FOR CROSSCORPORATE BUSINESS SOCIAL NETWORK (BSN) (F082)
Nikolay Sterev, Valentin Kisimov, Tsvetana Stoyanova and Venko Andonov

11:00-11:30 Coffee Break

11:30-12:40 Session FSP 16.2
IS Design, Development and Management Issues and Methodologies
(Room: Auditório 2)
Chair: Estelle Taylor

BEING CONTROLLED: EXPLORING CONTROLLEES’ VIEW ON CONTROL IN IS PROJECTS (F161)
Roman Walser and Peter Virag

RANSOMWARE: RECOMMENDATIONS AGAINST THE EXTORTION (F138)
Shabnam Goel, John Bambenek and Massooud Bashir

COMPARATIVE STUDY OF THE CONTEXT-AWARE ADAPTIVE M-LEARNING SYSTEMS (S092)
Mahmune Lamiu, Renmezbad Ouissem and Hafid Mohamed

DESIGNING STUDENT’S GUIDE - INFORMATION SYSTEM MODEL BASED ON STUDENTS’ NEEDS (S128)
Elena Vlahu-Gjorgievska, Yiran He, Siliang Tang and Yapu Wu

12:40 Best Paper Awards Ceremony and Closing Session
(Room: Auditório 2)

Pros. Philip Powell and Miguel Baptista Nunes