

16th IADIS International Conference Information Systems 2023

CONFERENCE PROGRAM

Saturday 11th, March 2023

08:30-19:05 Welcome Desk (closes for lunch – 13:00-14:10)
(Room: Eduardo Viana IV - floor 0)

09:40-10:00 Session O – Opening Session
Room: Eduardo Viana II

OPENING SESSION

Profs. Philip Powell and Pedro Isaías

10:00-11:00 Session KL1 – Keynote Presentation
Room: Eduardo Viana II

“GREEN SHOOTS OF HOPE IN MOBILE LEARNING”

Professor Agnes Kukulska Hulme, Institute of Educational Technology (IET), The Open University, UK

11:00-11:30 Coffee Break

11:30-13:00 Session FP 11.1

IS Learning and Teaching

Room: Eduardo Viana II

Chair: Markus Westner

TEACHING COMPUTER LITERACY IN A HIGHER EDUCATION: DETERMINING NEED AND CONTENT (F138)

Kobus van Aswegen and Estelle Taylor

THE INCREASING IMPORTANCE OF NATURAL LANGUAGE INTERACTION IN THE DESIGN OF INTELLIGENT TUTORING SYSTEMS (F144)

Kurt Englmeier

LESSONS LEARNT FROM AN ONLINE PILOT STUDY ABOUT STRATEGIC ALIGNMENT AT A HIGHER EDUCATION INSTITUTION (F083)

Thokozeni Kachale, Wegene Demeke, Christos Chrysoulas and Imed Romdhani

13:00-14:10 Lunch Break

14:10-15:10 Session FP 11.2

IS in Practice, Technology Infrastructures and Organisational Processes // IS Management

Room: Eduardo Viana II

Chair: Mahmood Hussain Shah

AGENT-BASED MODEL FOR THE CONTROL AND MONITORING OF KPI IN A CURRICULUM: CIVIL ENGINEERING DEGREE IN INFORMATION TECHNOLOGY (F054)

Marcos Lévano and Billy Peralta

DIGITAL SHADOW SUPPORTED BY AUGMENTED REALITY AND CLOUD FOR THE MONITORING OF AN INDUSTRIAL PROCESS (F074)

Erick Criollo, Gustavo Caiza and William Oñate

15:15-16:15 Session KL2 – Keynote Presentation

Room: Eduardo Viana II

“HEY SIRI, GOOGLE! CAN YOU HELP ME? A QUALITATIVE CASE STUDY OF SMARTPHONES AI FUNCTIONS IN SMES”

Professor Jyoti Choudrie, University of Hertfordshire, Hertfordshire Business School, UK

16:15-16:45 Coffee Break

16:45-19:05 Session FSP 11.3
Information Management // Innovation and IS
Room: Eduardo Viana II
Chair: Kamel Rouibah

AUTOMOBILE SALES FORECAST USING SOCIAL LISTENING AND CONDITIONS TO FORECAST SALES (F109)
Hisaki Goto and Yukiko Goto
INFORMATION MANAGEMENT IN CARBON EMISSIONS QUANTIFICATION (F033)
Lai Ke En, Nafisah Abdul Rahiman and Kherun Nita Ali
THE TAXONOMICAL DISTINCTION BETWEEN THE CONCEPTS OF SMALL DATA AND BIG DATA (F096)
Wandisa Nyikana and Tiko Iyamu
S-ISFMF: SOCIAL NETWORK AND IMAGE SHAPE FEATURE MATRIX FACTORIZATION (F039)
Takuya Tamada, Mingtian Gao and Ryosuke Saga
POTENTIAL OF GAMIFICATION FOR ENVIRONMENTAL MANAGEMENT TRAINING IN THE CONSTRUCTION INDUSTRY (S079)
Insyirah Abd Razak, Nafisah Abdul Rahiman and Norazam Othman

Sunday 12th , March 2023

08:30-15:30 Welcome Desk (closes for lunch – 13:00-14:15)
(Room: Eduardo Viana IV - floor 0)

09:00-11:00 Session FP 12.1
IS Management // Agile Methodologies
Room: Eduardo Viana II
Chair: Estelle Taylor

UNDERSTANDING HYBRID AGILE APPROACH: A CONCEPTUAL FRAMEWORK (F094)
Majid Alsubaie and Hamed Sarbazhosseini
DATA GOVERNANCE, ENTERPRISE ARCHITECTURE AND ENTERPRISE AGILITY (F046)
Tarek Kaddoumi and Torben Tambo
AN EXPERT VIEW ON CHALLENGES IN MANAGING IT COSTS IN THE DIGITAL AGE (F105)
Constanze Riedinger and Melanie Huber
SOCIAL NETWORKING SITES USE CONTINUANCE IN ORGANIZATIONS: INSIGHTS FROM A SUB-SAHARAN AFRICAN COUNTRY (F025)
Bangaly Kaba

10:00-11:00 Posters Session
Room: Almada Negreiros I
Chair: Inmaculada Arnedillo Sánchez

MOBILE LEARNING AND SIMULATION FOR THE DEVELOPMENT OF HANDS-ON CLINICAL SKILLS (ML_P075)
Krystina Clarke, Andrei Torres, Maria J. P. Peixoto, Bill Kapralos and Adam Dubrowski
EVALUATION OF LINGUISTIC AGGRESSION IN CYBERBULLYING AGAINST WOMEN ON SOCIAL MEDIA IN PUBLIC SECTOR UNIVERSITIES OF PAKISTAN (IS_P078)
Syeda Irsa Batool and Mahmood Shah
ONLINE APP FOR THE EVALUATION OF CLIMATE CHANGE IMPACT IN URBAN GREEN AREAS (ES_P141)
Zacharoula Andreopoulou, Dimitra Papagiannopoulou and Thekla Tsitsoni
E-LEARNING ACTIVITIES DURING PANDEMIC: PROJECT LIFE CLIVUT(ES_P144)
Thekla Tsitsoni, Dimitra Papagiannopoulou and Zacharoula Andreopoulou
COLLABORATIVE LEARNING IN STEAM TEACHING FOR STUDENTS IN THE CENTRAL AMAZON (ES_P148)
Juliana Gisele Corrêa Rodrigues, Adan Sady de Medeiros Silva and Jucimar Maia da Silva Junior
ONLINE COURSE ON BASIC CONCEPTS OF ROBOTICS AND INDUSTRY 4.0 FOR STUDENTS FROM PUBLIC SCHOOLS IN MANAUS - AMAZONAS (ES_P171)
João Victor Pessoa da Silva and Jucimar Maia da Silva Junior
THE CREATION OF VIDEO CONTENT FOR TEACHING AND LEARNING ABOUT STEAM (ES_P183)
Vinicius Schramm Caldas and Adan Sady de Medeiros Silva
THE PROCESS OF CONTENT PROSPECTION IN STEAM AREAS AIMED AT HIGH SCHOOL STUDENTS (ES_P190)
Beatriz Freitas de Souza and Jucimar Maia da Silva Junior
APPLYING STEAM EDUCATION FOR HIGH SCHOOL STUDENTS ON SOCIAL MEDIA THROUGH GEEK CONTENT (ES_P192)
Andreison Santos da Silva and Adan Sady de Medeiros Silva

11:00-11:30 Coffee Break

11:30-13:00 Session FP 12.2

IS Design, Development and Management Issues and Methodologies // Other

Room: Eduardo Viana II

Chair: Bangaly Kaba

A MULTI-SENSOR APPROACH TO BUSINESS PROCESS MANAGEMENT: APPLICATION FOR THE HEALTH CARE FIELD (F082)

Syrine Khalfallah, Asma Daassa and Sonia Ayachi Ghannouchi

MANAGEMENT OF CODE REVIEWER RECOMMENDATION USING OPTIMIZATION ALGORITHM, NSGA-III (F022)

Zaeem Anwaar and Wasi Haider Butt

MULTIMODAL DIGITAL ASSISTANT FOR A SMART FOOD PROCESSOR: A DESIGN SCIENCE APPROACH (F119)

Amitrajit Sarkar, Nicholas Leslie, John Ascroft, Ralph Bergmann, Lilly Heindl and Markus Westner

13:00-14:15 Lunch Break

14:15-15:15 Session FP 12.3

IS Management

Room: Eduardo Viana II

Chair: Torben Tambo

CUSTOMER SWITCHING: A REVIEW OF THE LITERATURE (F132)

Kamel Rouibah

OMNICHANNEL ADOPTION IN HEALTH INFORMATION SYSTEMS FOR PATIENT FOLLOW-UP (F040)

Ailton Moreira and Manuel Filipe Santos

14:15-15:05 Session FSP 12.4

IS Learning and Teaching

Room: Eduardo Viana I

Chair: Anand Sheombar

STAKEHOLDERS FEEDBACK ON THE INDUSTRY-ACADEMIA GAP (F069)

Sebongile Mazibuko and Estelle Taylor

LEVERAGING PYTHON IN INFORMATION SYSTEMS COURSES (S141)

Ray Kresman

14:15-15:15 Seminar

Room: Eduardo Viana III

THE EDITORS SESSIONS

Associate Professor Mahmood Shah

15:30 – Conference Tour and Dinner

Monday 13th, March 2023

08:15-13:15 Welcome Desk
(Room: Eduardo Viana IV - floor 0)

09:00-11:00 Session FSP 13.1

The centrality of IS and IT in Organisational Processes // IS and Organisation Development // Information Management

Room: Eduardo Viana II

Chair: Estelle Taylor

SOFTWARE EFFORT ESTIMATION WITH METAHEURISTIC OPTIMIZED ENSEMBLE FOR SOFTWARE CROWDSOURCING (F023)

Anum Yasmin and Wasi Haider Butt

VIRTUAL FEEDBACK, A POWERFUL LEVER IN TEAMS: A SYSTEMATIC LITERATURE REVIEW (F116)

Luisa Koloch, Paul Goldmann and Björn Schäfer

ORGANISATION AND IMPLEMENTATION OF WELFARE TECHNOLOGY - AN INTERVIEW STUDY IN SWEDEN AND NORWAY (S131)

Ann Svensson, Camilla Gjellebæk and Selma Kylén

DEEP LEARNING-BASED APPROACH FOR JAPANESE KEYPHRASE GENERATION (S140)

Padipat Sitkrongwong, Nakin Sritrakool, Phannakan Tengkiattrakul, Pongsakorn Jirachanchaisiri and Atsuhiko Takasu

A RESEARCH DESIGN FOR CREATING A DIGITAL TRANSFORMATION MATURITY ASSESSMENT TOOL FOR DEVELOPMENT NGOS (S149)

Anand Sheombar

11:00-11:30 Coffee Break

11:30-13:00 Session FP 13.2

Ethical, social, privacy, security and moral issues in an e-society // Design and Development Methodologies and Frameworks

Room: Eduardo Viana II

Chair: Ann Svensson

TOWARDS ACTIONABLE INFORMATION SYSTEM ETHICS: REQUIREMENTS ANALYSIS AND NON- MALEFICENCE (F092)

Dimitrius Keykaan

IT-COMPLIANCE IN SME - A METHOD FOR THE ADAPTED USE OF FRAMEWORKS (F107)

Nico Deistler

BUSINESS PROCESSES MANAGEMENT AND RESPONSIBLE USE OF BIG DATA (F127)

Galena Pisoni and Bálint Molnár

13:05 Best Paper Awards Ceremony and Closing Session

Room: Eduardo Viana II

Profs. Philip Powell and Pedro Isaías