Final Program of the MCCSIS 2019

Multi Conference on Computer Science and Information Systems

Conference Sessions:

ICT, Society and Human Beings 2019

Connected Smart Cities 2019

Web Based Communities and Social Media 2019

<mark>**Wednesday, 17th July 2019**</mark>

08:00-19:00 Welcome Desk

09:45-10:00 Session O – Opening Session
(Room: Auditório Vitor Santos)

Profs. Piet Kommers and Pedro Isaias

10:00-11:00 Session KL1 – Keynote Presentation
(Room: Auditório Vitor Santos)

HOW TO USE E-LEARNING FOR TESTING AND ASSESSING LARGE CLASSES
Prof. Jaime Villate, Faculty of Engineering, University of Porto, Portugal

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 17.1
ICT and effects on human // Desirable goals and ICT
(Room: Sala Aula C219)
Chair: Piet Kommers

AVATAR 1, MEDIA AND SOCIO-TECHNOLOGICAL IMAGINARIES: IMPLICATIONS FOR HCI RESEARCH (F073)
Jorun Børsting, Alma Leora Culén and William Odom
A FITNESS BIKE MAINTENANCE TRAINING SYSTEM WITH THREE-DIMENSIONAL COMPUTER GRAPHICS (F093)
Takayuki Fujiwara, Shintaro Tsuchiya, Norihisa Komoda and Toru Fujiwara
ICT4D & THE SUSTAINABLE DEVELOPMENT GOALS (S044)
Franz Ferdinand Rothe

13:00-14:30 Lunch Break

14:30-15:30 Session KL2 – Keynote Presentation
(Room: Auditório Vitor Santos)

SMART AND SUSTAINABLE LIVING COLAB: A ROADMAP TO ACCELERATE URBAN SUSTAINABILITY
Prof. Frederico Custódio, Director of the Intelligence and Explorative Research Group at CEiiA, Portugal

14:30-16:20 Session FSP 17.2
Social Media, Trust, Reputation and Public Opinion
(Room: Sala Aula C219)
Chair: Sandra Barnett

THE EFFECTS OF COLLECTIVISM AND SOCIAL NETWORK SELF-CONGRUITY ON ENGAGEMENT (F021)
Sara Santos and Pedro Espírito Santo
COMPLAINT HANDLING THROUGH SOCIAL MEDIA: PERCEIVED JUSTICE AND CUSTOMER SATISFACTION (F038)
Made Dwita Juliarta, Achmad Nizar Hidayanto, Ave Adriana Pinem and Putu Wuri Handayani
SPONSORSHIP CONGRUITY AND ATTITUDE TOWARDS ADVERTISING IN MUSIC FESTIVALS: THE ROLE OF TRUST AND SOCIAL MEDIA ENGAGEMENT (F024)
Pedro Manuel do Espírito Santo and Sara Santos
EXPLORING THE ROLE OF CUSTOMER REVIEWS IN DRIVING BUSINESS GROWTH (S052)
Rdouan Faizi and Sanaa El Fkihi

15:40-16:30 Session FSP 17.3
Life environment and ICT
(Room: Auditório Vitor Santos)
Chair Amal Dabbous

E-BUSINESS ADOPTION BY NON-PROFIT CULTURAL INSTITUTIONS (F028)
Gabriel Antão and Pedro Isaías
WORKING IN THE DIGITAL AGE: MERGING A STATUS QUO BIAS PERSPECTIVE AND REFLECTIVE PRATICE (S104)
Frederike Marie Oschinsky, Hans Christian Klein and Bjoern Niehaves

16:30-17:00 Coffee Break

17:00-19:05 Session FSRP 17.4
Globalization and ICT
(Room: Auditório Vitor Santos)
Chair: Piet Kommers

TECHNOLOGY EXPOSURE IN LARGE PORTUGUESE CATHOLIC FAMILIES (F090)
Adriana José de Oliveira and Luciana Oliveira
FACTORS AFFECTING THE SUSTAINED USE OF CHATBOTS: AN ORGANIZATIONAL PERSPECTIVE (F018)
Karine Aoun Barakat and Amal Dabbous
FROM NICHE TO MAINSTREAM TRANSITIONS: DIGITAL SECOND-HAND MARKETS FOR MILLENNIALS (F103)
Swati Srivastava and Alma Leora Culén
A METHODOLOGY FOR IMPROVING NEET YOUTH EMPLOYMENT IN THE ICT LABOUR MARKET (S085)
Luciana Oliveira, Anabela Mesquita and Adriana José de Oliveira
ADOPTION OF MOBILE BANKING (R102)
Golan Carmi and Nethanel Jay Drezner

17:00-18:50 Session FSP 17.5
IoT technologies bridging the physical and virtual worlds
(Room: Sala de Reuniões)
Chair: Lasse Berntzen

MOG - A SMART MOBILE SYSTEM FOR INTERACTIVE MUSEUM VISITS (F042)
Bruno Coitos, Carlos Serrão and Nuno Garrido
DESIGNING A NOVEL SMART HOME MONITORING SYSTEM WITH THE INTEGRATION OF BIM AND WSN (F073)
Mustafa Corekci, Ozgun Pinarer and Sylvie Servigne
COMPARISON OF IOT DEVICES ARCHITECTURE IN HOME NETWORK (F026)
Takashi Murakami, Keiichi Teramoto, Ritsuko Kanazawa, Ryo Hasegawa, Tetsushi Matsuda, Kanji Mizuno, Dai Ando, Yasuo Sugawara, Yoko Masuda, Yudai Kawasaki, Yoichi Masuda, Moe Hamamoto, Hiroshi Sugimura and Masao Isshiki
A PROPOSED TECHNOLOGY SOLUTION FOR PREVENTING MARINE LITTERING BASED ON UAVS AND IOT CLOUD-BASED DATA ANALYTICS (S061)
George Stengos, Stavros T. Ponis, George Plakas and Athanasios Yamas

19:00 Welcome Cocktail

08:15-15:45 Welcome Desk

09:10-11:00 Session FSP 18.1
Perspectives on ICT // Desirable goals and ICT
(Room: Sala Aula C220)
Chair: Amal Dabbous

CRGOURMETCOFFEE.COM: USING E-COMMERCE TO MITIGATE THE COFFEE PARADOX IN COSTA RICA (F068)
Francisco J. Mata and Irene Hernández Ruiz
INCLUSION THROUGH DIGITAL ARTS: CREATING A COMMUNITY OF PRACTICE (F101)
Ana Barata, Paula Escudeiro, Valérie Duarte and Jadir Lino
EMPIRICAL INVESTIGATION OF FACTORS THAT IMPACT E-GOVERNMENT ADOPTION IN NIGERIA (F070)
Joshua Chukwu, Marc Conrad and Tess Crosbie
A MOBILE APP TO EXPLORE CULTURAL AND HISTORICAL ASSOCIATIONS BETWEEN EUROPE AND THE ARAB AND THE ISLAMIC WORLDS (S063)
Ahmed Dahroug, Mohamed Aborizka, Martín López-Nores and José Juan Pazos-Arias

09:10-11:00 Session FSP 18.2
Social Media
(Room: Sala Aula C219)
Chair: Nazmiye Gizem Bacaksizlar

ASSESSING THE RELATIONSHIP BETWEEN INFORMATION TRANSPARENCY THROUGH SOCIAL MEDIA DISCLOSURE AND FIRM VALUE (F015)
Abdalmuttaleb M. A. Musleh Al-Sartawi
DIGITAL ME IN A VIRTUAL WORLD: IDENTITY CONSTRUCTION ON LINKEDIN BY AOTEAROA/NEW ZEALAND ENTREPRENEURIAL PROFESSIONALS (F019)
Sandra Jane Barnett
EXTREMIST TEXT DETECTION IN SOCIAL WEB (F035)
Dmitry Devyatkin, Ivan Smirnov, Fyodor Solovyev, Margarita Suvorova and Andrey Chepovskiy
THE IMPACT OF HOMOPHILY AND HERDING ON DECISION CONFIDENCE IN SOCIAL COMMERCE (S047)
Mariam Munawar, Khaled Hassanein and Milena Head

11:00-11:30 Coffee Break

11:30-13:00 Session FP 18.3
ICT and effects on humans // Trust – security – privacy
(Room: Sala Aula C220)
Chair: Ana Barata

THE INFLUENCE OF MEDIUM CREDIBILITY TOWARDS INFORMATION ADOPTION IN INDONESIA STOCK INVESTMENT VIRTUAL COMMUNITIES (F098)
Hardyin Alexander Hutapea, Achmad Nizar Hidayanto, Fatimah Azzahro and Widijanto Satyo Nugroho
DEFYING THE CERTIFICATION DIPLOMA FORGERY WITH BLOCKCHAIN PLATFORM: A PROPOSED MODEL (F099)
Meyliana, Yakob Utama Chandra, Cadelina Cassandra, Surjandy, Henry Antonius Eka Widjaja, Erick Fernando, Harjanto Prabowo, and Charles Joseph
EDUCATION ON DIGITAL FORENSICS FOR WORKING PEOPLE AND GRADUATE STUDENTS IN JAPAN (F109)
Ryoichi Sasaki

11:30-13:00 Session FP 18.4
Transportation
(Room: Sala de Aula C219)
Chair: Lasse Berntzen

THE CHALLENGE OF SMART MOBILITY INTEGRATION IN THE EVOLVING SMART CITY CONTEXT; THE PARADIGM OF HERAKLION (F031)
Efthimios Bakogiannis, Maria Siti, Stefanos Tsigdinos, Georgia Christodoulopoulou and Christos Karolemeas
A MOBILE E-TICKET FRAMEWORK FOR BUS COMMUTERS: A MAURITIAN CASE STUDY (F032)
Darshini Gopaul, Sandhya Armoogum and Geerish Suddul
PERFORMANCE EVALUATION OF AN ADAPTABLE inVANETS-BASED INTERSECTION TRAFFIC CONTROL (F037)
Hadeel A. Tabaza, Iman Saeed and Mourad Elhadef

13:00 – 14:30 Lunch Break

14:30-15:25 Session FRP 18.5
Motivation // Wellbeing and health
(Room: Sala de Atos)
Chair: Francisco J. Mata

THE ANALYSIS OF USER'S INTENTION IN USING MOBILE PAYMENT: A CASE OF YAP! (F069)
I Gede Adi Surya Atmajaya, Putu Wuri Handayani, Ave Adriana Pinem and Fatimah Azzahro
DIGITAL TRANSFORMATION IN ORGANIZATIONS: THE IMPACT ON WORKING LIFE QUALITY AND NEW RISK FACTORS (R120)
Emma Pietrafesa, Rosina Bentivenga, Sara Stabile and Sergio Iavicoli
WELLNESS IN YOUR POCKET: UPDATE YOUR HEALTH (P079)
Susana Orrego, Karine Posada, Ana M. Ortiz and María M. Yepes

14:20-15:30 Session FSP 18.6
Smart City as an Integrated Ecosystem // Other
(Room: Sala de Reuniões)
Chair: Sandhya Armoogum

INTEGRATED METHODOLOGICAL FRAMEWORK FOR SMART CITY DEVELOPMENT (F067)
Zineb Korachi and Bouchaib Bounabat
SMART CROSSWALKS: A SAFE ALERT SYSTEM THAT MINIMIZES THE CONFRONTATION BETWEEN VEHICLES AND PEDESTRIANS (S052)
João Branquinho, Carlos Senna and André Zúquete
HOW ORDINARY CITY SHIFT TO SMART CITY? A CASE STUDY "CITIZEN-CENTERED" (S025)
Hosni Seffih, Myriam Lamolle, Aurélie Pradelles, Ayoub Chouchou and Christian Fluhr

15:45 – Conference Tour and Dinner

08:15-13:00 Welcome Desk

09:45-11:00 Session FP 19.1
Life environment and ICT
(Room: Auditório C202)
Chair: Emma Pietrafesa

LACK OF POPULARITY IN AUGMENTED AND VIRTUAL REALITY APPLICATIONS FROM THE PERSPECTIVE OF USERS, POTENTIAL USERS AND NON-USERS (F064)
Guilherme Daguir and Fábio Campos
SOCIOCULTURAL INFORMATION URBAN SPACE CONSTRUCTION (F040)
Olga Kononova, Dmitry Prokudin, Vitalina Karachay, and Daria Pilysova
THE EFFECTS OF PERSONAL TRAITS AND GAME FACTORS ON IMMORAL GAME BEHAVIOR: FOCUSED ON <LEAGUE OF LEGENDS> (F036)
Sungje Lee, Jeonyoung Kong, Meiying Piao and Euijun Jeong

09:05-11:00 Session FSRP 19.2
New Business Concerns in Smart Cities // Greenness and Sustainability of Smart Cities
(Room: Sala de Reuniões)
Chair: Ozgun Pinarer

THE PRACTICAL SIDE OF IOT IMPLEMENTATION IN SMART CITIES (R076)
Artyom Kravchenko
HOW DO SMART BUILDING PROJECTS DEFINE AND DELIVER VALUE? A CLASSIFICATION OF BUSINESS MODELLING CHARACTERISTICS TO SUPPORT DESIGN AND DEVELOPMENT (F083)
Adriano Tanda and Alberto De Marco
WHERE DOES TECHNOLOGY FIT IN THE GEOSPATIAL DESIGN AND PLANNING PROFESSIONS? (F091)
Carlos J. L. Balsas
BLOCKCHAIN FOR IMPROVED SAFETY OF SMART BUILDINGS (S054)
Salam Abdallah, Nishara Nizamuddin and Ashraf Khalil
MULTI-LAYER AGGREGATION IN SMART GRIDS A BUSINESS MODEL APPROACH (S079)
Lasse Berntzen, Thomas Brekke and Marius Rohde Johannessen

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 19.3
Actions for reaching the Good Information Society
(Room: Auditório C202)
Chair: Piet Kommers

PREDICTIVE SUCCESS FACTORS IN SCHOOL PERFORMANCE: AN ANALYSIS OF THE LARGE-SCALE ASESSMENT IN BRAZIL (F080)
Ivonaldo Vicente da Silva, Márcia Terra da Silva and Saturnina Alves da Silva Martins
A PERCEPTIONAL STUDY ON THE ROLE OF DEVELOPMENT AGENTS AND GLOBAL LEADERS IN LEVERAGING TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT (F017)
Luís de Castro and Vìtor dos Santos
EVOLUTION OF THE CONCEPT OF GOVERNABILITY IN THE CONTEXT OF DIGITALIZATION (S107)
Leonid V. Smorgunov, Kirill A. Neverov and Konstantin S. Kondratenko

11:30-12:50 Session FSP 19.4
Social Media, Trust, Reputation and Public Opinion
(Room: Sala de Reuniões)
Chair: Margarita Suvorova

DISCOVERY OF CUSTOMER SATISFACTION DIMENSION FROM TWEETS USING LATENT DIRICHLET ALLOCATION (F050)
Iqbal Hadiyan, Achmad Nizar Hidayanto and Satrio Baskoro Yudhoatmojo
FACT-CHECKING & SOCIAL MEDIA SHARING BEHAVIOR AMONG UAE YOUTH (F058)
Ashraf Khalil, Salam Abdallah and Kundan Noor Sheikh
ANGER IN PROTEST NETWORKS ON TWITTER (S036)
Nazmiye Gizem Bacaksizlar, Samira Shaikh and Mirsad Hadzikadic

12:55 Best Paper Awards Ceremony and Closing Session
(Room: Sala de Reuniões)
Prof. Piet Kommers