

International Conference ICT, Society, and Human Beings 2017

CONFERENCE PROGRAM

Thursday, 20th July 2017

08:30-18:45 Welcome Desk

09:45-10:00 Session O – Opening Session
(Room Atlântico 2)

Profs. Piet Kommers, Miguel Baptista Nunes and Maggie McPherson

10:00-11:00 Session KL1 – Keynote Presentation
(Room Atlântico 2)

“HUMAN LEARNING, MACHINE LEARNING, AND E-LEARNING: CONFLICT OR CONFLUENCE?”

*By Professor Thomas C. Reeves, Professor Emeritus of Learning, Design and Technology, College of Education,
The University of Georgia, USA*

11:00-11:30 Coffee Break

11:30-13:00 Session FP 20.1

Gender

(Room Tejo 3+4)

Chair: Piet Kommers

**INVESTIGATING INFORMATION SYSTEMS RESEARCH THROUGH THE LENS OF FEMINIST EPISTEMOLOGY:
THE CASE OF MIS QUARTERLY (F021)**

Chantal Morley

**DESIGNING WORKPLACES FOR CONTROL ROOMS: A STUDY USING FOCUS GROUPS AND STAKEHOLDER
INTERVIEWS (F055)**

Elisabeth Weissenböck, Margit Pohl, Peter Judmaier, Andrea Viertelmayr and Gernot Rottermann

**TRENDS IN STUDYING IT DEGREES AT NATIONAL UNIVERSITY OF LA PLATA – ARGENTINA A GENDER
ANALYSIS REVISITED (F080)**

Francisco J. Díaz, María Alejandra Osorio, Ana Paola Amadeo and Rogelio Biasella

13:00-14:30 Lunch Break

14:30-15:20 Session FSP 20.2

Data and Software Applications in Smart Cities

(Room Tejo 3+4)

Chair: Guochao Peng

BIG DATA ANALYTICS AND SMART CITIES: A LOOSE OR TIGHT COUPLE? (F022)

Ahmed M. Shahat Osman, Ahmed Elragal and Birgitta Bergvall-Kåreborn

**CITY DATA 3.0 - A GENERIC INITIATIVE TO PROMOTE AND ASSESS THE REUSE OF GEOGRAPHIC
INFORMATION IN CITIES - EARLY STEPS (S025)**

Fernando Benitez, Sergi Trilles and Joaquín Huerta

15:30-16:30 Session FP 20.3

Labour market (outsourcing, integration, mobility)

(Room Tejo 3+4)

Chair: Piet Kommers

THE PRO-ACTIVE RESOURCE MANAGEMENT FOR HOTELS' HOUSEKEEPING SERVICE (F066)

Alla G. Kravets, Alexandr Morozov and Inna Strukova

BUSINESS MODEL FOR OCCUPATIONAL ACTIVATION OF ELDERLY PEOPLE VIA THE SERVICE

E-MARKETPLACE PLATFORM – RESEARCH STUDY OF POLISH MARKET (F073)

Robert Kutera, Karol Lopacinski, Maja Leszczynska and Wieslawa Grynciewicz

16:30-17:00 Coffee Break

17:00-18:40 Session FSP 20.4

Rethinking economic and social theories // Trust – security – privacy

(Room Tejo 3+4)

Chair: *Alla Kravets*

NARRATIVE-BASED MANAGEMENT IN SOCIO-ECONOMIC SYSTEMS (F025)

Olga Shabalina, Aleksandr Davtian, Natalya Sadovnikova, Danila Parygin and Dmitry Erkin

THE SOCIAL IN TECHNICAL ATTACKS – QUESTIONING THE BIFURCATION IN THE FIELD OF INFORMATION SECURITY (F074)

Jukka Vuorinen and Pekka Tetri

MOBILE DEVICE SECURITY: USER AWARENESS AND RESPONSE (S035)

Christopher Wallenreiter, Jean-Pierre Kuilboer, Noushin Ashrafi and Daniel Lee

STAKEHOLDER INFLUENCES ON THE GRENADA IXP DEPLOYMENT – PRELIMINARY FINDINGS (S060)

Claire C. Craig

17:00-18:00 Session FP 20.5

Monitoring Trends in Social Media

(Room Tejo 1+2)

Chair: *Claudine Bonneau*

A CONCEPTUAL FRAMEWORK OF LEARNING RELATIONSHIPS IN ONLINE COMMUNITIES (F029)

Bo Liang and Debra L. Scammon

VALUE CREATION THROUGH RELATIONSHIPS BUILDING ON PRIVATE AND PUBLIC SOCIAL MEDIA (F034)

Maxim Wolf, Julian Sims and Huadong Yang

Friday, 21st July 2017

08:30-15:45 Welcome Desk

09:10-9:50 Session SP 21.1
Social Networking at Work
(Room Tejo 3+4)
Chair: *Bo Liang*

WORK-RELATED IMAGE SHARING ON INSTAGRAM: IMPLICATIONS FOR THE UNDERSTANDING OF SOCIAL MEDIA AFFORDANCE OF VISIBILITY (S022)

Claudine Bonneau and Viviane Sergi

PUSH OR PULL? USING SOCIAL MEDIA TO INTERACT WITH CITIZENS (S035)

Daniel Skog

09:10-9:50 Session SP 21.2
Wellbeing and health
(Room Tejo 1+2)
Chair: *Jukka Vuorinen*

CITIZENS' ACCEPTANCE OF THE ELECTRONIC HEALTH RECORD (S065)

Filomena Papa, Enrico Nicolò and Bartolomeo Sapio

EMOTION RECOGNITION USING MUSICAL MNEMOTHERAPY WITH THREE PHYSIOLOGICAL SENSORS (S068)

Chaka Koné, Cécile Belleudy, Jean Claude Broutart and Nhan Le-Thanh

10:00-11:00 Session KL1 – Keynote Presentation
(Room Atlântico 1)

RE-DEFINING THE “SMART EVERYTHING” PARADIGM TOWARDS RECONCILING HUMANS AND TECHNOLOGY

By Dr. Dr. Norbert Streitz, Scientific Director, Smart Future Initiative, Germany

11:00-11:30 Coffee Break

11:30-13:10 Session FSP 21.3
Track B: Life environment and ICT
(Room Tejo 3+4)
Chair: *Virve Siirak*

QUALITY OF WORK SYSTEM AND HSEQ CULTURE: VIEWS ON ICT BASED ON REVIEW, CASES AND TENTATIVE LIST OF FUTURE KEY FACTORS (F022)

Seppo Väyrynen

BARRIERS TO E-GOVERNMENT IMPLEMENTATION: MULTIPLE CASE STUDY IN PUBLIC SECTOR (F061)

Syed Iftikhar H. Shah and Dr. M. Irfanullah Arfeen

AN EARLY ALERT FEEDBACK SYSTEM IN LEARNING (S042)

Annette Van Der Merwe, Hennie Kruger and Tiny Du Toit

FROM LEARNING OUTCOMES TO THE OPEN CONTENT DEVELOPMENT (OCD) IN ICT ENVIRONMENT (S064)

András Benedek and György Molnár

13:00 – 14:30 Lunch Break

14:15-15:35 Session FSP 21.4
Bridging the digital gap
(Room Tejo 3+4)
Chair: *M. Irfanullah Arfeen*

ASSESSING ICT USAGE IN INDONESIAN SMALL AND MEDIUM ENTERPRISES TOWARDS POVERTY ALLEVIATION USING SUSTAINABLE LIVELIHOODS ASSETS (F037)

Fathia Prinastiti Sunarso

THE USE OF SMARTPHONE AND MOBILE APPLICATION AMONG OLDER ADULTS IN MALAYSIA (F046)

Chui Yin Wong, Rahimah Ibrahim, Tengku Aizan Hamid and Evi Indriasari Mansor

A PRELIMINARY STUDY OF A DIGITAL AND WEB LITERACY PROJECT FOR YOUNG SOUTH AFRICAN WOMEN (S067)

Mmaki Jantjies

14:30-15:30 Poster Session

(Room Atlântico 2)

Chair: Piet Kommers

DEVELOPMENT OF A FRAMEWORK FOR MOOC IN CONTINUOUS TRAINING (P029)

Carolina Amado and Ana Pedro

INFORMATION LITERACY IN THE 21ST CENTURY: USEFULNESS AND EASE OF LEARNING (P118)

Patricia Fidalgo and Joan Thormann

THE USE OF AN ACCEPTANCE TEST FOR ACCESSING AN ELECTRONIC INFORMATION SYSTEM (P065)

Line Lundvoll Warth and Kari Dyb

DESIGN OF A MULTI-SENSOR BASED EXERCISE MOTION RECOGNITION SYSTEM (P050)

Seung-Taek Oh, Heon-Tag Kong and Jae-Hyun Lim

DESIGNING OF SLEEP SUPPORT LIGHTING BASED ON SHORT WAVELENGTH RATIO OF NATURAL LIGHT (P053)

Young-Won Kim and Jae-Hyun Lim

“TUE GUTES” – UTILIZING SOCIAL NETWORK MECHANISMS, CROWDSOURCING AND GAMIFICATION TO FACILITATE SOCIAL AWARENESS AND PROMOTE SELFLESS HELP (P040)

Daniel Kadenbach, Nick Nolting and Carsten Kleiner

HOME AUTOMATION SYSTEM FOR ELDERLY HOUSING (P020)

Sung-Hoon Mah, Dong-Hak Kim, Byung-Seo Kim, Jong Kim and Jae Hee Chung

USING INTERACTIVE VISUAL ANALYTICS TO ANALYZE INFLUENCES OF CLIMATE ON INDUSTRIAL PRODUCTION (P035)

Dieter Meiller

DETECTION OF SUBJECT-BASED KEY PLAYER USING SOCIAL NETWORK ANALYSIS (P042)

Minseon Kim, Jiyoun Kim and Kiyun Yu

PHYSICALLY-BASED LINEAR BLEND SKINNING (P031)

YoungBeom Kim and JungHyun Han

TOWARDS SUB-PIXEL DISTANCE MEASURES FOR DISTANCE TRANSFORMATIONS (P141)

Ingemar Ragnemalm

15:45 – Conference Tour and Dinner

Saturday, 22nd July 2017

08:30-12:45 Welcome Desk

09:30-11:00 Session FP 22.1

Track D: ICT and effects on humans

(Room Tejo 3+4)

Chair: *Jean-Pierre KUILBOER*

ATTITUDES TOWARDS SOFTWARE AS A WEAPON (F039)

Jantje A. M. Silomon and A. W. Roscoe

VISUAL ANALYSIS FOR VOTING RELATIONSHIPS IN JOSEON DYNASTY, KOREA (F069)

Seongmin Mun, Gyeongcheol Choi, Sangkuk Lee and Kyungwon Lee

**ACCOUNTABLE AND RESPONSIBLE DISCLOSURE OF FINANCIAL OPEN GOVERNMENT DATA:
OPEN SPENDING INITIATIVES ENHANCING CIVIC ENGAGEMENT (F076)**

Martijn Hartog and Bert Mulder

11:00-11:30 Coffee Break

11:30-12:30 Session FP 22.2

Data Mining and Clinical Studies

(Room Tejo 3+4)

Chair: *Fernando Benítez*

TAMING THE FLOOD: INTELLIGENT INCIDENT REPORT MANAGEMENT IN SMART CITIES (F026)

Pouyan Fotouhi Tehrani, Stefan Pfennigschmidt, Ulrich Kriegel, Andreas Billig, Frank Fuchs-Kittowski and Ulrich Meissen

THE IMPORTANCE OF CITIZEN ENGAGEMENT IN REALIZING SMART CITY BENEFITS (F027)

Guochao Peng, Miguel Nunes, Ning Zhang, Meng Wang and Fei Xing

12:30 Best Paper Awards Ceremony and Closing Session

(Room Tejo 3+4)

Prof. Piet Kommers