International Conference e-Health 2017
CONFERENCE PROGRAM

Thursday, 20th July 2017

08:30-17:05 Welcome Desk

09:45-10:00 Session O – Opening Session
(Room Tejo 1+2)
Prof. Mário Macedo

10:00-11:00 Session KL1 – Keynote Presentation
(Room Tejo 1+2)
By Alexandre Valentim Lourenço, President of the South Regional Council of the Medical Doctors Order, Portugal

11:00-11:30 Coffee Break

11:30-13:00 Session FRP 20.1
Usability and Ubiquity in eHealth // Human Computer Interaction
(Room Tejo 1+2)
Chair: Mário Macedo

A QUALITATIVE STUDY OF THE IMPLEMENTATION AND USE OF A NATIONAL INFORMATION SYSTEM (F066)
Line Lundvoll Warth and Kari Dyb

ENVIRONMENT- AND USER-FRIENDLY POWER-SUPPLY CONCEPT FOR RF-COUPLED HEALTH AND SPORT SENSORS (F099)
Hans Weghorn

ROBOTICS AND COMPUTER SCIENCE IN MEDICAL EDUCATION (R079)
Lorenzo Brualla, Fabian Vollmer, Erdin Tokmak and Wolfgang Sauerwein

THE CHARACTERISTIC FLUX OF THE E-HEALTH DEFINITION (R094)
Rune Pedersen, Inger Marie Holm and Hege K Andreassen

13:00-14:30 Lunch Break

14:30-16:30 Session FSPP 20.2
Service Models // Patients and Public Health // Other
(Room Tejo 1+2)
Chair: Kari Dyb

PROGRESSIVELY DEVELOPING A BUSINESS MODEL TO ASSIST ELDERLY PATIENTS WITH COGNITIVE IMPAIRMENT THROUGH A DIGITAL ECOSYSTEM: A METHODOLOGICAL APPROACH (F027)
Paolo Locatelli, Federica Cirilli, Luca Gastaldi, Simona Solvi And Andrea Pistorio

INTRODUCING PERSONALISED SELF-MANAGEMENT TO SUPPORT PHYSICAL ACTIVITY IN ELDERLY: A CASE STUDY (F073)
Jan-Willem van’t Klooster, Inge van Bruinessen, April Boessen, Loek van der Heide, Miriam Vollenbroek-Hutten and Sandra van Dulmen

INVOLVING END-USERS IN THE DEVELOPMENT AND IMPLEMENTATION OF A WEB-BASED, PHYSICAL ACTIVITY PLATFORM FOR ELDERLY (S076)
Inge van Bruinessen, Jan-Willem van t’ Klooster, April Boessen, Loek van der Heide, Miriam Vollenbroek-Hutten and Sandra van Dulmen

IMPACT OF OBSERVIA-SANDOZ’S APPLICATION FOR CONDUCTING PHARMACEUTICAL INTERVIEWS ON THE EVALUATION OF KNOWLEDGE ACQUISITION OF ASTHMATIC PATIENTS AND PATIENTS TREATED BY ANTICOAGULANTS (P062)
Geoffroy Vergez and Gersende Guédon

16:30-17:00 Coffee Break
**Friday, 21st July 2017**

08:30-15:45 Welcome Desk

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**M-HEALTH PREDICTIVE DATA ANALYSIS OF DAILY ACTIVITIES AND PHYSIOLOGICAL CONDITIONS (F053)**
Enkeleda Bocaj, Jonas Queiroz, Paulo Leitão and Charalampos Z. Patrikakis

**HUMAN-CENTRED DESIGN OF ONTOLOGY BASED CLINICAL DECISION SUPPORT SYSTEM (F102)**
Alphonsonie Mukabunani, Jan Pettersen Nytun and Ghislain Maurice Norbert Isabwe

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**“DON’T MAKE ME AN ORPHAN, MOM”: A MOBILE GAME TO SUPPORT SMOKING CESSATION (F055)**
Olga Shabalina, Vitaliy Aleynikov, Aleksandr Davtian, Ann Matokhina and David C. Moffat

**SERVICE ARCHITECTURE FOR GASTRIC CANCER SCREENING (S061)**
Jaakko Lähteenmäki, Juhana Leppänen, Janne Pajukanta, Juhana M. Kortelainen and Raimo Launonen

**A MOBILE APP TO MANAGE CHILDREN DENTAL ANXIETY: CONTEXT AND APPROACH (S069)**
Maria Del Carmen Romero-Fernandez, Rocío García-Robles, Daniel Cavigas-Muñiz and Octavio Rivera-Romero

**INSPIRERS: AN APP TO MEASURE AND IMPROVE ADHERENCE TO INHALED TREATMENT (S072)**
Cristina Jácome, Rute Almeida, João Pedro Teixeira, Pedro Vieira-Marques, Rita Vilaça, José Manuel Fernandes, Ana Ferreira and João Almeida Fonseca

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**PRE-COMMERCIAL PROCUREMENT OF PERSONAL HEALTH SERVICES – INTEROPERABILITY CONSIDERATIONS (F025)**
Jaakko Lähteenmäki, Juhana Leppänen, Anna Sachinopoulou, Jean Patrick Mathieu, Rossana Alessandrello and Suzan Ikävalko

**THE T2ROL ACCESS CONTROL MODEL FOR MOBILE HEALTH SYSTEMS IN DEVELOPING COUNTRIES (F097)**
Jane Katusiime and Niels Pinkwart
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 Warh 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

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

08:30-13:00 Welcome Desk

09:20-11:00 Session FSP 22.1
IT and Patient Care // eHealth to improve Quality and Patient Safety
(Room Tejo 1+2)
Chair: Mário Macedo

**IMPLEMENTATION OF ICT BASED INNOVATIONS AS ELECTRONIC MEDICAL RECORD IN SUB-SAHLARA AFRICA: ISSUES OF RELEVANCE FOR FUTURE IMPLEMENTATIONS (F023)**
Gabriel Nzarama Mugabe, Vivian Vimarlund and Sofie Wass

**FALL DETECTION METHOD USING SINGLE AXIS ACCELERATION AND ANGULAR VELOCITY (F032)**
Daniel Badran, Kabalan Chaccour, Amir Hajjam El Hassani and Emmanuel Andres

**DEVELOPMENT OF WORKFLOW-BASED GUIDELINES FOR THE CARE OF BURNS IN SCOTLAND (S029)**
Alisa Dewanti, Petros Papapanagiotou, Charlotte Gilhooly, Jacques Fleuriot, Areti Manataki and Laura Moss

**DIGITAL NUTRITIONAL DOCUMENTATION OF PREGNANT MIGRANT WOMEN (S033)**
Karin Messer-Misak

11:00-11:30 Coffee Break

11:30-13:00 Session FP 22.2
Data Mining and Clinical Studies
(Room Tejo 1+2)
Chair: Lorenzo Brualla

**SEQUENCE PREDICTION ALGORITHM FOR HEART FAILURE PREDICTION (F020)**
Carine Bou Rjeily, Georges Badr, Amir Hajjam El Hassani and Emmanuel Andres

**ABBREVIATION AND ACRONYM IDENTIFICATION AND EXPANSION WITHIN MEDICAL HEALTH RECORDS (F100)**
Duncan Wallace and Tahar Kechadi

**A SYSTEMATIC REVIEW ON THE EFFECT OF ICT ON SOCIAL SUPPORT MEASURES IN HEALTHCARE (F104)**
Uchenna Nnabuko and Stuart Anderson

13:00 Best Paper Awards Ceremony and Closing Session
(Room Tejo 1+2)

Prof. Mário Macedo