**International Conference e-Health 2015**

**CONFERENCE PROGRAM**

**Tuesday 21st, July 2015**

08:15-17:00 Welcome Desk

09:30-10:00 Session O – Opening Session  
(Room Salón de Actos)

**OPENING SESSION**
Rector D. Dr. José Regidor García, Profs. Pedro Isaías, Piet Komsers and Heredia Fernandez Betancort

10:10-11:00 Session KL1 – Keynote Presentation  
(Room 27)

**THE USE OF AROUSAL DETECTION ON NEURODEGENERATIVE DISEASES**  
By Dr. Carlos M. Trevieso-González, Professor at Universidad de Las Palmas de Gran Canaria, Spain

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 21.1  
Security in eHealth // Healthcare Data Architecture Standards  
(Room 27)  
Chair: Elisabeth Rakus-Andersson

**PRIVACY-PRESERVING STATISTICAL ANALYSIS ON HEALTH DATA** (F063)  
Saeed Samet

**A SEMI-AUTOMATIC APPROACH TO TRANSFORM AND LOAD CDA DOCUMENTS IN A DATA WAREHOUSE** (F085)  
Fabrizio Pecoraro, Daniela Laci and Fabrizio L. Ricci

**LONG-TERM NON-REPUDIATION OF ELECTRONIC HEALTH RECORDS** (S082)  
Tomasz Hyla

13:00-14:30 Lunch Break

14:30-15:30 KL2 – Keynote Presentation  
(Room Salón de Actos)

**A DIFFERENT PERSPECTIVE ON THE SINGULARITY POINT. HOW IT IS SUBSTITUTING JOBS IN THE SERVICE SECTOR**  
By Dr. Jacques Bulchand-Gidumal, Professor of Digital Enterprises and Entrepreneurship, Universidad de Las Palmas de Gran Canaria, Spain

15:35-16:25 Session FP 21.2  
Mobile Applications // Patient Electronic Health Records  
(Room 27)  
Chair: Mário Macedo

**CONSUMER ADOPTION OF PERSONAL HEALTH RECORDS: AN EMPIRICAL INVESTIGATION OF PERSONAL & TECHNOLOGY FACTORS** (P087)  
Umar Rahi and Armin Majedi

**REAL-TIME VISUALIZATION OF HEART SOUNDS AND MURMURS ON A SMARTPHONE FOR A NOVICE** (P044)  
Noritaka Mamorita, Naoya Artisuka, Risa Isonaka, Tadashi Kawakami and Akihiro Takeuchi

**KEY PRINCIPLES FOR EHEALTH BEHAVIOR CHANGE INTERVENTIONS** (P066)  
Robert J. Bensley and Jason Rivas
Wednesday 22nd, July 2015

08:15-15:45 Welcome Desk

09:20-11:00 Session FSP 22.1
eHealth Decision Support Systems // Applications // Other
(Room 27)
Chair: Mário Macedo

FINITE FUZZY SETS IN THE MEDICATION DECISIONS CONCERNING THE RETREAT OF SYMPTOMS IN RADIATION CYSTITIS (F033)
Elisabeth Rakas-Andersson and Janusz Frey

NURSES’ KNOWLEDGE, PERCEPTIONS AND ATTITUDES TOWARDS THE USE OF ELECTRONIC MEDICAL RECORDS: A PILOT STUDY OF A CLINIC IN JEDDAH CITY, SAUDI ARABIA (F074)
Afran Almutairi and Rachel McCrindle

11:00-11:30 Tutorial

E-HEALTH INFORMATION ARCHITECTURES: STANDARDS AND GUIDELINES
by Prof Mário Macedo, Universidade Atlântica, Portugal

11:30-13:05 Session FSRP 22.2
eHealth to improve Quality and Patient Safety // Management Issues
(Room 27)
Chair: Mário Macedo

A MULTILAYER MOBILE ECOSYSTEM TO SUPPORT THE ASSESSMENT AND TREATMENT OF PATIENTS WITH COMMUNICATION DISORDERS (F034)
Vladimir Robles-Bykbaev, Martín López-Nores, Jorge García-Duque, José Juan Pazos-Arias and Juan Carlos Guillermo-Anguisaca

HEALTH AND SOCIAL CARE SERVICES FOR FRAIL PEOPLE: ICT AS A SUSTAINABLE ENabler OF INTEGRATED CARE (S031)
Nicola Restifo, Federica Cirilli, Luca Gastaldi, Mariagrazia Fugini, Giulia Garavaglia and Luca Chiantore

EFFICIENCY ASSESSMENT OF CHECK@FLASH: COST-MINIMIZATION FROM EHPAD’S PERSPECTIVE (S028)
Angela Martin, Elomore Tsaka and Gabriële Piaton Breda

UNDERSTANDING CHALLENGES TO HIT SYSTEMS IMPLEMENTATIONS: A SOCIOTECHNICAL PERSPECTIVE (R018)
Salah Aouani

DECI: DIGITAL ENVIRONMENT FOR COGNITIVE INCLUSION - IMPROVING ELDERLY CITIZENS’ QUALITY OF LIFE THROUGH AN ICT-ENABLED PATIENT-CENTRIC HOME ENVIRONMENT (P057)
Paolo Locatelli, Nicola Restifo, Federica Cirilli and Roberto Moser

13:00 – 14:30 Lunch Break

Thursday 23rd, July 2015

08:30-13:10 Welcome Desk

09:00-11:00 Tutorial
(Room 27)

E-HEALTH INFORMATION ARCHITECTURES: STANDARDS AND GUIDELINES
by Prof Mário Macedo, Universidade Atlântica, Portugal

11:00-11:30 Coffee Break

11:30-13:00 Session FP 23.1
Human Computer Interaction
(Room 27)
Chair: Mário Macedo

DESIGN OF A REFERENCE HANDLING SYSTEM FOR CLINICAL DNA SEQUENCING ANALYSIS (F039)
Jorun Børsting, Alma L. Culén and Morten C. Eike

EVALUATION OF INTERACTION MODES FOR MOBILE ACQUISITION OF FOOD-RELATED INFORMATION (F048)
Ljubomira Spassova and Andreas Arens-Volland

PATIENT-INITIATED PERSONALISATION: PRIVACY, MOODS AND COLOURS (P072)
Maja van der Velden, Margaret Machniak Sommervold and Alma Lesra Culén

13:00 Best Paper Awards Ceremony and Closing Session
(Room 27)

Prof. Mário Macedo

14:30-15:30 (Room 23)
H2020 EUROPEAN UNION RESEARCH PROJECTS

15:45 – Conference Tour and Dinner