

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 Kommers and Heredina Fernandez Betancort*

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

**THE USE OF AROUSAL DETECTION ON
NEURODEGENERATIVE DISEASES**

*By Dr. Carlos M. Travieso-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 (F055)**

Fabrizio Pecoraro, Daniela Luzi 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 (F087)**

Umar Ruhi and Armin Majedi

**REAL-TIME VISUALIZATION OF HEART SOUNDS AND
MURMURS ON A SMARTPHONE FOR A NOVICE (P044)**

*Noritaka Mamorita, Naoya Arisaka, 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 Rakus-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)

Afrah Almutairi and Rachel McCrindle

E-HEALTH SYSTEM ADOPTING A PRIORITY INDEX (S079)

Luca Lorenzi, Fernando Mattivi, Jonni Malacarne and Farid Melgani

PERSONNEL TRAINING FOR TELEMEDICINE CENTERS (A 15-YEAR EXPERIENCE OF THE INTERNATIONAL SCHOOL OF TELEMEDICINE) (S041)

Oleg Atkov, Andrei Selkov and Valeriy Stolyar

11:00-11:30 Coffee Break

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, Elyonore Tsakeu and Gabrièle Piaton Breda

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

Salah Awami

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

14:30-15:30 (Room 23)

H2020 EUROPEAN UNION RESEARCH PROJECTS

15:45 – Conference Tour and Dinner

Thursday 23rd, July 2015

08:30-13:10 Welcome Desk

09:00-11:00 Tutorial

(Room 27)

EHEALTH 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)

Lübmira Spassova and Andreas Arens-Volland

PATIENT-INITIATED PERSONALISATION: PRIVACY, MOODS AND COLOURS (F072)

Maja van der Velden, Margaret Machniak Sommervold and Alma Leora Culén

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

Prof. Mário Macedo