

IADIS International Conference e-Health 2011

CONFERENCE PROGRAM

Wednesday 20th, July 2011

08:30-19:00 Welcome Desk

**09:45-10:00 Session O – Opening Session
(Room: Space One)**

OPENING SESSION

Profs Pedro Isaías and Mário Macedo

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

DIGITAL & HEALTHCARE: TOWARDS AN (E)HEALTHIER FUTURE

Dr. Roberto Ascione, Publicis Healthcare Communications Group Company, Italy

11:00-11:30 Coffee Break

11:30-12:50 Session FSP 20.1

**Clinical Information Systems // IT and Patient Care
(Room: Space One)**

Chair: Ahmed Al Barrak

DEVELOPING TEMPLATED CLINICAL NOTES FOR CANCER SURVIVORSHIP CARE (F051)

David Wiljer, Aleksandra Chafranskaia, Menaka Pulandiran, Scott Secord, Sara Urowitz, Dave Willson and Pamela Catton

ANALYSIS OF EATING HABITS USING SOUND INFORMATION FROM A BONE-CONDUCTION SENSOR (F119)

Hao Zhang, Guillaume Lopez, Masaki Shuzo, Jean-Jacques Delaunay and Ichiro Yamada

VIRTUAL REALITY AS A COMPLIMENTARY THERAPY FOR PAIN MANAGEMENT (S083)

Faten S. Alrashed, Hind T. AL Hashimi, Prof. Hatim Aboalsamh and Nada I. Alkhamis

13:00-14:30 Lunch Break

14:30-16:30 Session FSP 20.2

Health Informatics and Education // Human Computer Interaction

(Room: Space One)

Chair: Nawaz Khan

USER TRAINING IN PRIMARY CARE PROCESSES THROUGH A SEMANTIC WIKI (F043)

Despina Papakonstantinou, Flora Malamateniou and George Vassilacopoulos

ASSESSMENT OF SKILLS AND ATTITUDE OF DENTAL STUDENTS AND INTERNS TOWARD DENTAL INFORMATICS IN KSU (F108)

Ahmed Al Barrak, Rua'a Al Yami and Arwa Bamajboor

PERCEIVED RISKS OF MOBILE HEALTH SERVICES WITHOUT IMMEDIATE OUTCOME (S016)

Mihail Cocosila

CONTRIBUTION OF AMBIENT INTELLIGENCE TO THE SUBJECTIVE WELLBEING: AN OVERVIEW OF THE ADVANTAGES AND DISADVANTAGES (S084)

M. Mohammadi, H. J. A. Arts, K. C. G. Arts and R. R. de Pagter

ICT4DEPRESSION DATABASE MODULE MAKER: DESIGNING A CONTENT MANAGEMENT SYSTEM TO ENABLE THE UBIQUITOUS TREATMENT OF DEPRESSION (S099)

Elaine McGovern, Pepijn Van de Ven and John Nelson

16:30-17:00 Coffee Break

17:00-18:00 – Posters Session

(Room: Space One)

Chair: Mário Macedo

AN APPROACH FOR SLEEP ASSESSMENT USING BODY MOVEMENT (P069)

Shima Okada, Naruhiro Shiozawa and Masaaki Makikawa

INVESTIGATE THE DIFFERENCE BETWEEN ECG PATTERNS DURING SLEEP IN THE SEATED POSITION AND IN THE SUPINE POSITION (P070)

Yuutaro Yamasaki, Shima Okada and Masaaki Makikawa

CONTROL OF THE FINGER MOTION BY SELECTIVE ELECTRICAL STIMULATION WITH SURFACE ELECTRODES (P071)

Takahiro Shimizu, Shima Okada and Masaaki Makikawa

DICOM TECHNOLOGY IN E-HEALTH SYSTEM (P076)

Leila Azari, PoonehSeyed Abolghasem and Asadollah Shahbahrami

PROCESS OF DEVELOPMENT OF HOSPITAL INFORMATION SYSTEMS IN TURKEY (P112)

M. Mahir Ulgu, Pinar Doğanay Payziner, Bayram Göktas, Afsun Ezel Esatoğlu, Ece Uğurluoğlu and Yasemin Akbulut

AN AUTOMATED MULTI-SENSOR MONITORING SYSTEM OF ELDERLY HOMECARE CLIENT'S ACTIVITY PATTERNS (P113)

Sean T. Doherty, Diane Doran and Rafik A. Goubran

18:00-19:10 Session FSP 20.3

Telemedicine

(Room: Space One)

Chair: Mário Macedo

PDSS: PHARMACY DECISION SUPPORT SYSTEM – CONCEPT APPROACH (F122)

Diogo Reis and Renata Afonso

A MULTIDISCIPLINARY E-HEALTH ASSISTANCE PROJECT IN THE BRAZILIAN AMAZON (S062)

Christopher R. Jones, Ricardo B. Cardoso, Edison Huttner, Helena W. Oliveira, Marlise A. dos Santos and Thais Russomano

MODULAR SOFTWARE ARCHITECTURE APPROACH FOR A TELEMATIC RESCUE ASSISTANCE SYSTEM (S045)

Sebastian Thelen, Marie-Thérèse Schneiders, Daniel Schilberg and Sabina Jeschke

14:30-15:15 Session FRP 21.3

Interoperability issues

(Room: Space One)

Chair: Mihail Cocosila

E-ID MEETS E-HEALTH ON A PAN-EUROPEAN LEVEL (F021)

Bernd Zwattendorfer, Thomas Zefferer and Arne Tauber

PROVIDING TECHNICAL AND SEMANTIC INTEROPERABILITY FOR INTEGRATED HEALTHCARE USING AN IHE-COMPLIANT SYSTEM (R098)

Barbara Franz and Herwig Mayr

15:45 Conference Tour and Dinner

Thursday 21st, July 2011

08:30-16:00 Welcome Desk

09:00-11:15 Session FRP 21.1

eHealth Architectures

(Room: Space One)

Chair: Roberto Ascione

THE CARE FOR PLANNING AND CONTROL IN A FRAMEWORK FOR HOSPITAL MANAGEMENT (F046)

Fabio Fruggiero, Raffaele Iannone and Stefano Riemma

INTEGRATION AND SHARING OF PERSONAL HEALTH DATA AS A CHALLENGE FOR THE FUTURE INTERNET E-HEALTH SCENARIOS (F102)

Michal Kosiedowski, Cezary Mazurek and Aleksander Stroinski

APPLICATION OF VIRTUALIZATION TECHNIQUES IN SUPPORTING SCRUB NURSES WORK (F121)

Joanna Bartnicka, Marcin Dąbrowski and Katarzyna Mleczko

INFORMATION INTEGRATION OF DIVERSE LABORATORY DATA SOURCES USING INFORMATION SUPPLY CHAINS (F034)

Thomas Kandl and Nawaz Khan

A TELEMEDICINE ENVIRONMENT FOR BALKANS (R053)

Gianluca Zangara, Francesca Valentino, Antonio Piceno and Francesco Di Blasi

11:00-11:30 Coffee Break

11:30-13:05 – Session FSRP 21.2

eHealth Decision Support Systems // Other

(Room: Space One)

Chair: Hatim Aboalsamh

SUPPORTING DIAGNOSTIC DECISION FOR EARLY DETECTION OF A NEURODEGENERATIVE DISEASE ON A BEHAVIOURAL ALTERED PATTERN BASIS (F066)

Alberto Martinez, Igone Etxebarria, Erkuden Aldaz, Lukas Roedl,

Andreas Hochgatterer, Bernhard Wöckl and Jürgen Bund

THE USE OF THE INTERNET TO SUPPORT BREASTFEEDING: AN EXPLORATORY STUDY OF BREASTFEEDING SUPPORTERS' EXPERIENCES (F072)

Ana Burman, Anastasia Papazafeiropoulou and Julie Barnett

A DOMAIN SPECIFIC CONCEPTUAL MODEL FOR A MEDICAL EXPERT SYSTEM IN PSYCHIATRY, AND A DEVELOPMENT FRAMEWORK (S038)

Irosh Fernando, Frans Henskens and Martin Cohen

FRENCH E-HEALTH POLICY (R057)

Nathalie Ferraud-Ciandet

13:00-14:30 Lunch Break

Friday 22nd July 2011

08:30-13:45 Welcome Desk

09:00-11:05 Session FSRP 22.1

Healthcare Data Architecture Standards // eHealth to improve Quality and Patient Safety

(Room: Space One)

Chair: David Wiljer

THE OPEN-SOURCE INTEGRATING THE HEALTHCARE ENTERPRISE (IHE) (F031)

Bruno Alves and Michael Schumacher

THE GENERIC QUALITY ASSURANCE MODEL (GQAM) FOR SUCCESSFUL E-HEALTH ACQUISITION IN RURAL HOSPITALS (F118)

Nkqubela Ruxwana, Marlien Herselman and Dalenca Pottas

EVALUATION OF CHITS' DATABASE (F020)

Cyrod John Domingo, Norberto Ramirez II and Rommel Feria

ATTITUDES AND OPINIONS OF PEOPLE WHO USE MEDICAL SERVICES REGARDING PRIVACY AND CONFIDENTIALITY OF HEALTH INFORMATION IN ELECTRONIC ENVIRONMENT (S091)

Özlem Özkan, Osman Saka and Ali Arifoğlu

DATA QUALITY ANALYSIS FOR E-HEALTH MONITORING APPLICATIONS (R061)

Claudia Gutiérrez Rodríguez and Michel Riveill

11:00-11:30 Coffee Break

11:30-13:20 Session FSP 22.2

Business Process Management Systems // Case Studies

(Room: Space One)

Chair: Mário Macedo

A NEW DEBATE FOR TURKISH PHYSICIANS: E-DETAILING (F017)

Keti Ventura, Miray Baybars and Ayla Özhan Dedeoğlu

ELECTRONIC INTERACTION IN HEALTH SERVICES AND ORGANIZATIONAL CHANGE – LESSONS FROM THE NORWEGIAN COUNTY OF SOGN & FJORDANE (F079)

Øyvind Heimset Larsen and Ingjerd Skogseid

PROPOSAL OF A CONCEPTUAL FRAMEWORK TO OPTIMISE DRUG MANAGEMENT IN HEALTHCARE SYSTEMS (S080)

Raffaele Iannone, Salvatore Miranda, Stefano Riemma and Debora Sarno

AN INTEGRATED APPROACH TO STANDARDIZED AND AUTOMATED EXTRACTION OF CLINICAL PROCESS CYCLE TIMES (F023)

Eva Gattnar, Okan Ekinici and Vesselin Detschew

13:20 Best Paper Awards Ceremony and Closing Session (Room: Space One)

Profs Pedro Isaías and Mário Macedo