

IADIS International Conference e-Health 2011

PRELIMINARY 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)

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)

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)

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, Pooneh Seyed 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)

**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)

**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)

**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)

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

*Alberto Martínez, 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)

**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)

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

Eva Gattnar, Okan Ekinci and Vesselin Detschew

**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 Ingerd Skogseid

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

*Raffaele Iannone, Salvatore Miranda, Stefano Riemma and Debora
Sarno*

13:20 Best Paper Awards Ceremony and Closing Session

(Room: Space One)

Profs Pedro Isaías and Mário Macedo