

IADIS International Conference e-Health 2009

PRELIMINARY CONFERENCE PROGRAM

Sunday 21st, June 2009

08:30-17:30 Welcome Desk

09:30-10:00 Session O – Opening Session
(Room: Algar Seco)

OPENING SESSION

Prof. Pedro Isaías and Mário Macedo

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

BUILDING THE FUTURE WITH E-HEALTH

Dr Jennifer Zelmer, Chief Executive Officer, International Health Terminology Standards Development Organisation, Denmark

11:00-11:30 Coffee Break

11:30-13:20 Session FSP 21.1

Applications // Data Mining and Clinical Studies // Infrastructure and Architecture // Other

(Room: Algar Seco)

Chair: Paula Swatman

CLINMALDB: A CLINICAL FIELD-RESEARCH ORIENTED RELATIONAL DATABASE TO STUDY HUMAN MALARIA (F065)

Márcio K. Oikawa, Emilio F. Merino, Carmen Fernandez-Becerra, Gerhard Wunderlich, Juan M. Villalobos, Pedro P. S. B. Silva, Junior Barrera, Alan M. Durham, Hernando A. del Portillo and João E. Ferreira

STUDYING CONTENT DIFFERENCES OF MEDICAL ONLINE WEB RESOURCES (F023)

Kerstin Denecke

ASSISTIVE HEALTH CARE MONITORING FRAMEWORK USING ACTIVE DATABASE APPROACH (F047)

Nor Faizah Ahmad and Doan B. Hoang

HOW IMPLEMENTATION OF UBIQUITOUS HOSPITAL SYSTEM AFFECTS PATIENT SATISFACTION? (S081)

Keon Chul Park, Su Jin Kim and Bong Gyou Lee

13:00-14:30 Lunch Break

14:30-17:20 Session FSP 21.2

eHealth Decision Support Systems

(Room: Algar Seco)

Chair: Jennifer Zelmer

VALUE BENEFIT ANALYSIS OF TECHNOLOGIES FOR AUTOMATIC IDENTIFICATION TO BE IMPLEMENTED IN THE HEALTHCARE SECTOR (F069)

Mike Krey

USING A USER-CENTRED APPROACH TO DESIGNING A PUBLIC HEALTH CRISIS MANAGEMENT SYSTEM (F059)

Lindgaard, G., Tsuji, B., Sen, D., Lundahl, S., MacMillan, D.,

Anderson, M., and Mongeau, M.

CLASSIFICATION OF HEALTH LEVEL FROM CHRONIC PAIN SELF REPORTING (F076)

Yan Huang, Huiru Zheng, Chris Nugent, Paul McCullagh, Norman Black, Kevin Vowles and Lance McCracken

COMPUTATIONAL WORKFLOWS FOR ETHICAL PRIORITISATION OF PREVENTIVE SCREENING (F079)

Edward C. Conley, Adina Riposan, Ian J. Taylor, Omer Rana and David R. Owens

IT SUPPORT FOR MEDICATION MANAGEMENT PROCESS IN HOSPITALS: AN OVERVIEW (F048)

Salah Awami, Matt Doogue, Jean-Pierre Calabretto, Paula Swatman, Arduino A Mangoni and Lisa Spurling

E-ATLAS OF HEALTH, PLANNING AND SUSTAINABLE DEVELOPMENT (S026)

Anne Quesnel, Julien Soula and Régis Beuscart

Monday 22nd, June 2009

08:30-17:00 Welcome Desk

09:00-11:05 Session FSP 22.1

Social implications // IT and Patient Care // eHealth Collaborative Strategies and Techniques

(Room: Algar Seco)

Chair: Peter Leijdekkers

“FROM THE HIPPOCRATIC OATH TO ELECTRONIC DATA STORAGE”: ETHICAL ASPECTS FOR M-HEALTH PROJECTS IN AUSTRALIA (F020)

Joost W. Brakel, Valerie Gay and Peter Leijdekkers

ADVANCING INFORMATION SYSTEMS IN DECISION MAKING AND DEMOCRACY FOR HEALTH (S024)

Felix Alvarado

A COMMUNITY-BASED HEALTH PROMOTION PROGRAM WITH ONLINE OFF-LINE COMBINATION (S060)

Shoko Miyagawa, Yuji Ohgi, Yuko Oguma, Teruo Yamashita, Shigeo Ohsawa and Yoko Sato

TRANSFORMING ASSESSMENT AND FEEDBACK FOR ANKYLOSING SPONDYLITIS THROUGH THE USE OF 3-DIMENSIONAL VISUALIZATION (S073)

Shijuan Li and Stephen Kay

TWO OPTIONS FOR TELE-ECHOGRAPHY: (A) A ROBOTIC ARM, ISDN OR SATELLITE LINES, (B) A VOLUMIC ECHOGRAPHIC CAPTURE SYSTEM, AND INTERNET (FETAL AND ABDOMINAL APPLICATION) (S031)

Ph Arbeille, F Cloppet, A Boucher and N Vincent

KNOWLEDGE MANAGEMENT AND PATIENT-CENTERED APPROACH IN HEALTH CARE (R063)

Jan Aidemark and Linda Askenäs

11:00-11:30 Coffee Break

**11:30-12:30 Session KL2 – Keynote Presentation
(Room: Algar Seco)**

HOW TO LIMIT EXPLODING MEDICAL COST
Professor Manuel Delgado, Portugal

13:00-14:30 Lunch Break

**14:30-16:50 Session FSP 22.2
Research Issues // Human Computer Interaction //
Intelligent Medical Systems
(Room: Algar Seco)
Chair: Valerie Gay**

**CAMERA POSITIONING IN VIDEO MEDIATED
CONSULTATIONS FOR OPTIMAL PATIENT
EXPERIENCES (F061)**
P.E. Esser, T.Toll, D.Roks and J.C. Brezet
**PORTABLE MEDICAL MONITORING: AN E-NURSING
INTERFACE FOR ELDERLY CARE EMERGENCIES (F070)**
Christian Sax, Elaine Lawrence and Christian Wolff
**SYSTEM FOR LASER OSTEOTOMY IN SURGERY WITH
THE KUKA LIGHTWEIGHT ROBOT – FIRST
EXPERIMENTAL RESULTS (F041)**
Holger Mönnich, Daniel Stein, Jörg Raczkowski and Heinz Wörn
**A HAND GUIDED ROBOTIC PLANNING SYSTEM FOR
LASER OSTEOTOMY IN SURGERY (S040)**
Holger Mönnich, Daniel Stein, Jörg Raczkowski and Heinz Wörn

**11:30-13:20 Session FSP 23.2
eHealth Architectures // Interoperability issues
(Room: Algar Seco)
Chair: Anne Quesnel**

**IMPROVING DISEASE SURVEILLANCE CAPABILITIES IN
THE HEALTH INFORMATION EXCHANGES (F044)**
S. R. Renly, J. H. Kaufman and R. Ram
**A NEW PERSPECTIVE ON HEALTHCARE INFORMATION
SYSTEMS & SERVICE-ORIENTED-ARCHITECTURE (F050)**
*Konstantinos Koumaditis, Marinos Themistocleous, Vasiliki
Mantzana and Nikolaos Basias*
**QUALITY INDICATORS OF THE ‘ONTOFIS’
PHARMACOTHERAPEUTIC ONTOLOGY FOR SEMANTIC
INTEROPERABILITY (F056)**
M. Teresa Romá-Ferri, Jorge Cruanes and Manuel Palo
**MEDICOORDINATION: REGIONAL IMPLEMENTATION
FOR THE SWISS E-HEALTH STRATEGY (S049)**
*David Godel, Omar Abou Khaled, Michael Schumacher, Henning
Müller, Francois Mooser, Sandrine Ding and Elena Mugellini*

**13:20 Best Paper Awards Ceremony and Closing Session
(Room: Algar Seco)**

Prof. Pedro Isaías and Mário Macedo

17:30 Conference Dinner

Tuesday 23rd February 2009

08:30-14:00 Welcome Desk

**09:00-11:05 Session FSRP 23.1
Patient Electronic Health Records
(Room: Algar Seco)
Chair: Stephen Kay**

**MIH BASED SWITCHOVER MECHANISM FOR MULTI-
HOMED BODY SENSOR NETWORKS (F028)**
*Sadik Armagan, Enda Fallon, Yuansong Qiao, Marisol Giardina and
Colin Jamison*
**SOPHISTICATED METHODS TO PREVENT INSIDER
ATTACKS AGAINST PHR SYSTEMS (F029)**
Daniel Slamanig and Christian Stingl
**NON-INVASIVE BLOOD PRESSURE MEASUREMENT
USING MULTIHOLTER DEVICE (S033)**
Jiri Kouril and Milan Chmelar
**THE TECHNICAL MANAGEMENT OF HEALTH
INFORMATION SYSTEMS (R046)**
*Alessandro Pepino, Mario Sansone, Riccardo Tranfaglia and
Marcello Bracale*
CARDIO.NET – A SYSTEM FOR TELECARDIOLOGY (P064)
*Marcin Grabowski, Robert Rudowski, Janusz Sierdziński, Andrzej
Cacko, Grzegorz Opolski and Marek Niezgódka*
**AN EHR-COMPLIANT ASSESSMENT TOOL FOR
COMMUNITY NURSING IN IRELAND (P030)**
Fabrice Camous, Frank Duignan and Pamela Henry

11:00-11:30 Coffee Break