



The ECHCampus and the e-Health Lab, Politecnico di Milano (Italy) work together at a strategic level to promote connected health initiatives.

PROGRAM

Insights

Technologies, Systems, and Information Services for the patient/citizen

Media Tablets & Apps for Medicine, Health, and Home-Care

R&D Workshops & Demos

Trends, futurescapes and implications for
digitally augmented health

1st-2nd March 2012 – Politecnico di Milano - Italy
Conference and Exhibition Courtyard Center
at Città Studi Campus

Promoters

Organizer: *Francesco Pincioli*, Director, eHealth Lab – Dipartimento di Bioingegneria - Politecnico di Milano - Italy

Co-organizer: *Claudia Pagliari*, Convenor, eHealth Interdisciplinary Research Group - University of Edinburgh – UK

Scientific Secretary: *Stefano Bonacina e Sara Marceglia* – ehealth@polimi.it

Demos Manager: *Luca Mazzola* – luca.mazzola@polimi.it

Scientific Advisory Committee

Jos Aarts – Institute of Health Policy and Management / Dept. of Medical Informatics - Erasmus University Rotterdam, The Netherlands also coordinator of the EFMI Working Group on “Human and Organizational Factors of Medical Informatics” and of the AMIA Working Group on “People and Organizational Issues”

Michael J. Ackerman - Office of High Performance Computing and Communications - Lister Hill National Center for Biomedical Communications - U.S. National Library of Medicine, Bethesda, MD, USA

Paul Cheshire – United Kingdom also coordinator of the EFMI Working Group on “Personal Portable Devices”

Gianluca De Leo – College of Health Sciences – Old Dominion University, Norfolk, VA, USA

Patty Kostkova - City ehealth Research Centre (CeRC) - School of Health Sciences - City University, London, United Kingdom

Anne Moen – InterMedia - Faculty of Educational Sciences – University of Oslo, Oslo, Norway

Peter Pharow – “Data Representation & Interfaces” Group - Fraunhofer-Institut for Digital Media Technologie - IDMT, Ilmenau, Germany also coordinator of the EFMI Working Group on “Personal Portable Devices”

Who should attend

- *Stakeholders: governmental institutions, investors, patients’ organizations, insurances, purchasing managers*
 - *Researchers: e-Health and BioMedical Informatics, Medicine and Home-Care areas*
- *Manufacturers and developers: mobile devices, telecom, middleware platforms and applications*
 - *Customers: hospitals, homecare and citizens*
- *Educators: knowledge developers and curricula designers for the healthcare settings*

Registration

The registration is free of charge, but mandatory. The registration form will be available at
www.ehealth.polimi.it

March 1st, 2012 - morning

TUTORIAL

Developing Apps for Medicine, Health, and Home-Care

S. Bonacina, S. Marceglia, L. Mazzola, and V. Zaccaria

OPENING SESSION

ECHAlliance and eco-systems, boosting connected health in Europe

I. Vartiainen, Kuopio, Finland

Media Tablets and the needs for healthcare systems improvements

L. Bresciani – Regional Ministry of Healthcare – Lombardia Region - Milano, Italy

KEYNOTE SPEECH

M-health and the Digital Society: Trends, Opportunities and Caveats

C. Pagliari – E-Health Unit – University of Edinburgh, UK

US NATIONAL LIBRARY OF MEDICINE, Bethesda, MD - *videoconference*

mHealth and Mobile Access to Resources at the National Library of Medicine

M. Ackerman, Assistant Director, and P. Fontelo

Office of High Performance Computing and Communications - NLM

March 1st, 2012 - afternoon

UPDATING ICT CONTENTS IN MEDICINE-RELATED CURRICULA

A Round Table chaired by *F. Pincioli*

e-Health LAB JUNIOR SEMINARS

*Academic Core Tutors: S. Marceglia, S. Bonacina, L. Mazzola, S. Ferrante
with their Students*

Scientific Analysis

PACS and Media Tablets

R. Catania and F. Cristina; M. Moro, I. Reale, and P. Sanna

Reliably Credited Guidelines for Medicine

M. Baci, F. Bullegas, I. Costantini, O. Dipasquale, and F. Ferrari

Analysis from abroad of the NHS-Direct

F. Rini, B. Tibaldi, F. Sirca, and S.E. Vignati

Family e-Health: from web-based approach to iOS Apps

Historia Medica Familiae Digitalis: an App for Family Health Record

D. Contini and M. Pasini

i-Med Imaging: an App for Family Visualization of Bioimages

S. Brogliato, V. Ferrari, and L. Fontana

iPharma: an App for Safe Medication Scheduling and Reminder

E. Opri, G. Omodeo Vanone, L. Possenti, V. Tauro

Lexicon Connector Mobile tools for Family Health Record

V. Bolchini, E. Martini, S. Barachetti

13 February 2012

March 2nd, 2012 - morning

GOVERNANCE AND MARKET

Mobile Business: Innovation Runs on Media Tablets

A. Rangone, P.A. Catti, and C. Mondini – School of Management - Politecnico di Milano - Milano, Italy

Digitalization of the sick-leave certificates cycle

P. Donzelli, P. Tarquini, G. Motta, and F. Di Loreto - Dipartimento per la digitalizzazione della pubblica amministrazione e l'innovazione tecnologica - Presidenza del Consiglio dei Ministri, Roma, Italy

The Lombardia Healthcare System and the Mobile Evolution

F. Barbarito – Lombardia Informatica S.p.A. - Milano, Italy

HOSPITAL MANAGEMENT

From Personal Computers to Mobile Devices: a Simple Way to Improve Nurse's Daily Intervention Work

F. Ehrler, C. Lovis – University Hospital of Geneva, Switzerland

Mobile Emergency: Shortening Communications in Hospital

P. Bellini, S. Boncinelli, F. Grossi, M. Mangini, L. Malandrino, and P. Nesi - Internet Technology Laboratory, University of Florence, Italy

Usage of Multilingual Mobile Translation Applications in a Clinical Setting

U-V. Albrecht, M. Behrends, R. Schmeer, H.K. Matthies, and U. von Jan – Reichertz Institute for Medical Informatics - Hannover, Germany

Mobile Medicine: Cross Media Intelligent Content for Medical Training and Support - P. P. Bellini, I.

Bruno, D. Cenni, A. Fuzier, P. Nesi, and M. Paolucci - Internet Technology Laboratory, University of Florence, Italy

Therapy Support Suite

C. Amato and C. Carioni, Fresenius Medical Care s.p.a., Italy

March 2nd, 2012 - afternoon

CONNECTING PATIENTS

I Click → I Talk: AAC Solution for Children and Adults with Communication Disabilities

E. Radici, J. Mitchell, and G. De Leo - Medical Lab & Radiation Sciences; Training and Technical Assistance Center - Old Dominion University - Norfolk, VA, USA

MEDINFO HIV Clinical Network: a Web-application in Order to Collect, Share and Analyze Clinical and Immunological Data of HIV Patients in Multicentric Studies

P. Fraccaro, M. Giacomini, and LiHIm Group - University of Genoa, Italy

ONCO WITH NO PAIN: Monitoring Patients with Cancer Pain Through a Tablet Device System

D. Segagni, V. Tibollo, A. Dagliati, A. Zambelli, G.A. Da Prada, L. Pavesi, and R. Bellazzi - IRCCS Fondazione Salvatore Maugeri and University of Pavia, Pavia, Italy

E-Health In Your Hand: Tablet Applications For Real Time Management Supporting Clinical Trail

A. Novellino, A. Mazzeo, M. Zanin, E. Defranchi, M. Busi, P. D'Angelo, G. Verreschi, ETT s.r.l., Genoa, Italy

REMOTE AND HOME

Psyche: Disease Management System for Bipolar Subjects

M. Ottaviano, A. Arca, S. Salvi, M.T. Arredondo Waldmeyer - Universidad Politécnica de Madrid - Madrid, Spain

Safe Discharge Management: A Model for its Planning and the Role of Home-Monitoring Technologies

S. Quaglini, R. Bellazzi, G. Lanzola, P. Messa, A. Lanzarini, S. Marzorati, and F. Mosca - University of Pavia, Italy

A Multiplatform Middleware for Remote Monitor of Congestive Heart Failure (CHF) Class III Patients

R. Gazzarata, F. Vergari, V. Parodi, F. Morandi, S. Naso, A. Arezza, T.S. Cinotti, and M. Giacomini – University of Genoa, Italy

13 February 2012

Assessment of a TG18 Compliant Measurement Protocol for Mobile Teleradiology

M. Bava, F. Zennaro, A. Casalino, P. Bregant, D. Cacciari, R. Zangrando, and A. Accardo – Master on Clinical Engineering - University of Trieste, Italy

Supporting Physical Exercise in Diabetic Patients with a Smartphone Application

V. Della Mea, O. Vuattolo, M.P. Francescato, and A. Accardo - University of Udine, Italy

Scientific programme endorsed by



Sponsors



Patronages



AUTONOME PROVINZ BOZEN - SÜDTIROL
Abteilung 23 - Gesundheitswesen



PROVINCIA AUTONOMA DI BOLZANO - ALTO ADIGE
Ripartizione 23 - Sanità



Facoltà di Medicina e Chirurgia
Università degli Studi di Milano



The University of Edinburgh



CITY UNIVERSITY
LONDON



Associazione Italiana
Documentazione Sanitaria



Associazione Italiana di
Informatica Medica



Associazione Nazionale Medici
Cardiologi Ospedalieri



Consorzio Universitario
per l'Ingegneria nelle
Assicurazioni del
Politecnico di Milano



Collegio Italiano dei Primari
Medici Oncologi Ospedalieri



Società Italiana di Radiologia
Odontostomatologica
e Maxillo Facciale



Gruppo Nazionale
di Bioingegneria