

Second International Workshop on

Interdisciplinary Research on E-Health Services and Systems

IREHSS - 2010

June 14, 2010 - Montreal

PROGRAM

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8:45-9:00 Opening Remarks

9:00-10:00 Keynote speech

MEDiSN: Medical Emergency Detection in Sensor Networks

Andreas Terzis

10:00-10:30 Coffee Break

10:30-12:30 Session 1 - Wearable sensors, activity monitoring and communications in e-Health systems

Statistical Modeling of Harvestable Kinetic Energy for Wearable Medical Sensors

Nathalie Yarkony, Kamran Sayrafian-Pour, Antonio Possolo

A method to compare new and traditional accelerometry data in physical activity monitoring

Marcelo Pias, Salman Taherian, Vincent van Hees, Ulf Ekelund, Soren Brage

WANDA B.: Weight and Activity with Blood Pressure Monitoring System for Heart Failure Patients

Myung-kyung Suh, Florence-Joy Figueras, Victor Chen, Wen-Sao Hong, Jamie Macbeth, Ani Nahapetian, Lorraine Evangelista, Majid Sarrafzadeh

Next-Generation E-Health Communication Infrastructure using Converged Super-Broadband Optical and Wireless Access Technology

Arshad Chowdhury, Joseph L. Long, Hung-Chang Chien, Sourabh M Khire, Nikil Jayant, Gee-Kung Chang

12:00-13:15 Lunch

13:15-14:15 Keynote speech

Real-Time Physical Activity Detection on Mobile Phones

Fahd Albinali

14:15-15:00 Session 2 - Security and Privacy in e-Health

Security and Privacy for Mobile Electronic Health Monitoring and Recording Systems

Johannes Barnickel, Hakan Karahan, Ulrike Meyer

Secure Access for Medical Smart cards Over Networks (SAMSON)

Guy Hembroff

15:00-15:30 Coffee Break

15:30-17:00 Session 3 - e-Health systems architectures and applications

A Context-Aware Framework for Health Care Governance Decision-Making Systems: A model based on the Brazilian Digital TV

Mauro Oliveira, Odorico Andrade, Carlos Hairon, Regis C Moura, Stenio Fernandes, José Bringel, Jerome Gensel, Herve Martin, Claude Sicotte, Jean-Louis

The CareNet Residential Gateway: A Conceptual Overview

Bruce Zamaere, Peter Sjödin, Bjorn Pehrson

POSTECH's U-Health Smart Home For Elderly Monitoring and Support

Agoulmine Nazim, Hui Wang, Jamal Deen, James W. Hong, Hyeok-Soo Choi, Jin Ki

Design and Implementation of a Behavioral Migraine Management iPhone App for Adolescents with Migraine

Chang Liu, Ken Holroyd, Qing Zhu, Kaiyu Shen, Wenqi Zhou

Sponsors:

