



CALL FOR PAPERS
**2nd International Conference on Pervasive Computing
Technologies for Healthcare 2008**
<http://www.pervasivehealth.org/>

Tampere, Finland,
January 30th - February 1st, 2008



Organizing Committee:

General Chair:

Niilo Saranummi

VTT Technical Research Centre of Finland

Technical Program Co-Chairs:

Ilkka Korhonen

VTT Technical Research Centre of Finland

Howard Wactlar

Carnegie Mellon University, USA

Steering Committee:

Imrich Chlamtac

CREATE-NET, Trento, Italy

Oscar Mayora-Ibarra

CREATE-NET, Trento, Italy

Upkar Varshney

Computer Information Systems, Georgia State
University, Atlanta, USA

Local Chair:

Johan Plomp

VTT Technical Research Centre of Finland

Publicity Chair:

Kay Connelly

Indiana University, USA

Workshops Chair:

Raj Rajarajan

City University London, UK

Financial Management

Karen Decker

ICST

Conference Coordinator

Zsuzsa Lanyi-Kaszab

ICST

Publication Chair

Ana Hilda Morales Aranda

CREATE-NET, Trento, Italy

Program Committee:

Asuman Dogac: METU, Turkey

Alex Mihailidis: University of Toronto, Canada

Aura Ganz: University of Massachusetts, USA

Bert Arnrich: ETH, Switzerland

Costas Pattichis: University of Cyprus

Cristina Costa: CREATE-NET, Trento, Italy

Csaba Szabo: Budapest University of Technology and
Economics, Hungary

Daniel Roggen: ETH, Switzerland

Danilo di Rossi: University of Pisa, Italy

Dimitris Fotiadis: University of Ioannina, Greece

Elisabetta Farella: University of Bologna, Italy

Elske Ammenwerth: UMIT, Austria

Emil Jovanov: University of Alabama, USA

Enrique Gomez: UPM, Spain

Esko Alasaarela: Oulu University, Finland

Ferial Moelaert El-Hadidy: Telematica Instituut, NL

Friedrich Hanser: UMIT, Austria

Gerhard Tröster: ETH Zurich, Switzerland

Haiying Wang: University of Ulster, UK

Jakob Bardram: University of Aarhus, Denmark

Jesus Favela: Medical Informatics Group, CICESE,
Mexico

Joerg Habetha: Philips Research Laboratories, GE

Jouni Kaartinen: VTT, Finland

Jukka Salminen: Nokia Research Center, Finland

Katie A. Siek: University of Colorado, USA

Kay Connelly: Pervasive Technology Labs, Indiana
University, USA

Kwan Suk Park: Seoul Nat'l U., Korea

Lorenzo Chiari: University of Bologna, Italy

Majid Sarrafzadeh: UCLA, USA

Margarita Anastassova: CREATE-NET, Trento, Italy

Misha Pavel: OHSU (Oregon Health & Science U.),
USA

Morten Kyng: Aarhus Universitet, Denmark

Nada Philip: Kingston University, UK

Nicos Maglaveras: Aristotle University, Greece

Oliver Amft: ETH, Switzerland

Oscar Mayora-Ibarra: CREATE-NET, Trento, Italy

Paolo Bonato: Boston University, USA

Paul Turner: University of Tasmania, Australia

Reinhold Haux: TU Braunschweig, Germany

Robert Istepanian: Kingston University, UK

Sergio Guillen: UPV, Spain

Stanley M. Finkelstein: University of Minnesota,
USA

Stephan Kiefer: Fraunhofer Institute, Germany

Sundaresan Jayaraman: Georgia Tech, USA

Thomas Riisgaard Hansen: Aarhus Universitet,
Denmark

Tim Adlams: Bath Univeristy, UK

Toshiyo Tamura: Chiba University, Japan

Upkar Varshney: Georgia State University, Atlanta,
USA

Victor M. Gonzalez: University of Manchester, UK

YT Zhang: The Chinese University of Hongkong

Important Deadlines

Paper Submission Deadline: September 14th, 2007

Notification to Authors: November 2nd, 2007

Camera Ready: November 16th, 2007

After the successful first year of the conference, the Organizing Committee is pleased to announce the Second International Conference on Pervasive Computing Technologies for Healthcare.

Pervasive Healthcare is an emerging research discipline, focusing on the development and application of pervasive and ubiquitous computing technology for healthcare and wellness. Pervasive healthcare seeks to respond to pressures towards healthcare system, arising from a number of factors, including the increased incidence of life-style related and chronic diseases, emerging consumerism in healthcare, need for empowering patients and relatives for self-care and management of their health, and need to provide seamless access for health care services, independent of time and place.

Pervasive Healthcare may be defined from two perspectives. First, it is the development and application of pervasive computing (or ubiquitous computing, ambient intelligence) technologies for healthcare, health and wellness management. Second, it seeks to make healthcare available to anyone, anytime, and anywhere by removing location, time and other restraints while increasing both the coverage and quality of healthcare.

Pervasive Healthcare conference aims to gather together experts in pervasive healthcare for sharing information on recent developments – both technical and system-level – contributing towards emerging pervasive healthcare discipline.

Topics of Interest:

We seek novel, innovative, and exciting work in areas including but not limited to:

- Wearable, ambient and home based health and wellness measurement and monitoring technologies
- Mobile and wireless technologies for healthcare information storage, transmission, processing, and feedback, including devices, systems and applications
- Sensor networks for pervasive healthcare
- Information management, processing and analysis in pervasive healthcare
- Networking support for pervasive healthcare (location tracking, routing, scalable architectures, dependability, and quality of access)
- Citizen portals and electronic citizen-managed health records
- Security, privacy and trust in pervasive healthcare
- Standards and interoperability in pervasive healthcare
- Pervasive healthcare technologies and applications for citizen for chronic disease management, health risk management, health promotion, and disease prevention
- Pervasive healthcare for health professionals
- Technologies to support ambient assisted living
- User needs, usability and acceptability issues
- Business cases and cost issues
- Clinical applications, validation and evaluation studies

Information for Authors

Submission of Papers:

PERVASIVEHEALTH 2008 accepts submissions that describe original, research work not submitted or published elsewhere. The conference accepts two types of submissions: Full Papers presenting significant contributions to research and practice in different aspects of Pervasive Healthcare (maximum four pages) and Short Papers presenting late-breaking results and ongoing work (maximum two pages). All submissions must follow IEEE's conference style two-column format including figures and references. Appropriate links to papers templates will be available from the conference website.

Authors are requested to submit their PDF manuscripts electronically using COCUS System <http://www.cocus.info> by following the link and instructions at the conference home page. CD proceedings will be distributed during the conference days and published by IEEE.

Selected papers of the conference will be invited to a Special Issue of the International Medical Informatics Association (IMIA) Journal on Methods of Information in Medicine.