

#### Conference Co-Chairs:

**Jakob E. Bardram**  
University of Aarhus, Denmark  
**Juan Carlos Chachques**  
Hospital Georges Pompidou, France  
**Upkar Varshney**  
Georgia State University, USA

#### Steering Committee:

**Imrich Chlamtac, (Chair)**  
Create-Net, Italy  
**Oscar Mayora-Ibarra**  
Create-Net, Italy  
**Csaba Szabo**  
Budapest University, Hungary  
**Upkar Varshney**  
Georgia State University, USA

#### Conference Vice-Chair:

**Carlos Bilich**  
Create-Net, Italy

#### Program Committee Chairs:

**Emile Aarts**  
Philips Electronics, Netherlands  
**Ryuji Kohno**  
Yokohama National University, Japan  
**Paul Lukowicz**  
UMIT- Austria  
**Jorge Carlos Trainini**  
Presidente Perón Hospital, Argentina

#### Workshops Chair:

**Konstantina Geramani**  
TWT GmbH, Germany

**Henry Wang**  
Kingston University, UK

#### ASIA Publicity Chair:

**Tomoki Hamagami**  
Yokohama National University, Japan

#### USA Publicity Chair

**Ron Vetter**  
University of North Carolina, USA

#### EU Publicity Chair

**Rene Mayrhofer**  
Lancaster University, UK

#### USA Sponsor Chair

**Sandeep K. S. Gupta**  
Arizona State University, USA

#### Publication Chair

**Ana Hilda Morales Aranda**  
Create-Net, Italy

#### Local Chair

**Friedrich Hanser**  
UMIT, Austria

#### Program Committee:

**D. Baker:** SAIC Health Solutions, USA  
**H. Baldus:** Philips Research Labs, Germany  
**V. Batos:** University of Dubrovnik, Croatia  
**V. Bilas:** University of Zagreb, Croatia.  
**P. Bonato:** Harvard Medical School, USA.  
**R. Castro:** HP, C-Net Argentina  
**K. Connelly:** Pervasive Technology Labs, Indiana University, USA  
**M. Craven:** University of Nottingham, UK  
**B. Dragovic:** Create-Net, Italy  
**J. Favela:** MInformatics Group, Mexico  
**P. Fontelo:** NIH, USA  
**H. Fraser:** MIT, USA  
**A. Ganz:** Univ. Massachusetts, USA  
**E. Geisler:** Illinois Inst. of Technology, USA  
**V. Gonzalez:** Univ. California, USA  
**Y. Guang-Zhong:** Imperial College, UK  
**S. Gupta:** Arizona State University, USA  
**S. Helal:** University of Florida, USA  
**R. Istepanian:** Kingston Univ., UK  
**S. Jayaraman:** GeorgiaTech, USA  
**A. Joshi:** Univ. Maryland, USA  
**E. Jovanov:** Univ. Alabama, USA  
**J. Kabara:** Univ. Pittsburgh, USA  
**H. Kautz:** Univ. Washington, USA  
**I. Korhonen:** VTT Electronics, Finland  
**M.A. Labrador:** Univ. South Florida, USA  
**Y. Lee:** Univ. Missouri-Kansas City, USA  
**D. Lubitz:** Med-Smart, USA  
**J. Lundell:** Intel, USA  
**Q. Mahmoud:** Univ. Guelph, Canada  
**D. Medhi:** Univ. Missouri-Kansas City, USA  
**J. Miranda Dias:** Univ. Coimbra, Portugal  
**L. Polymenakos:** Athens Information Technology, Greece  
**R. Reddy:** West Virginia Univ., USA  
**G. Riva:** Catholic Univ. Milan, Italy  
**L. Schieberr:** Wayne State Univ., USA  
**R. Shankar:** Univ. South Florida, USA  
**E. Sloane:** Villanova Univ., USA  
**M. Srivastava:** Univ. California-LA, USA  
**G. Tröster:** ETH Zurich, Switzerland  
**E. Tyler-Kabara:** Univ. Pittsburgh, USA  
**N. Uzunoglu:** National Technical Univ. Athens, Greece  
**R. Vetter:** Univ. North Carolina, USA  
**H. Wactlar:** Computer Science, CMU, USA  
**A. Weaver:** University of Virginia, USA  
**N. Wickramasinghe:** Illinois Institute of Technology, USA  
**V. Wilson:** Univ. Wisconsin, USA  
**S. Wong:** Harvard Medical School, USA  
**T. Znati:** Univ. Pittsburg, USA



## First International Conference on Pervasive Computing Technologies for Healthcare 2006

Technically co-sponsored by



IEEE EMB Society



Association for Computing Machinery

## CALL FOR PARTICIPATION

**Pervasive Healthcare** is emerging research discipline, focusing on the development and application of pervasive and ubiquitous computing technology for healthcare purposes. Pervasive healthcare seeks to accommodate the growing need for healthcare arising from a number of factors, including the increase in life-style and chronic diseases, the increased complexity of large healthcare organizations, providing healthcare services in rural and underserved areas worldwide, and enabling patients and relatives engage more closely in self-care and treatment.

The **First International Conference on Pervasive Computing Technologies for Healthcare 2006** is intended to provide an international forum to explore the new research frontiers in the field of Pervasive Computing Technologies for Healthcare. Original unpublished contributions will be presented to improve the knowledge on the application of pervasive computing (or ubiquitous computing, ambient intelligence) technologies for healthcare, health and wellness management; and 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. In the conference most of the challenges in pervasive healthcare can be covered in three main areas: mobile and wireless technologies for pervasive healthcare, medical aspects of pervasive healthcare, and management of pervasive healthcare. Topics of interest address: technologies “situated on the patient”, technologies “situated in the environment”, medical aspects of pervasive healthcare, and management of pervasive healthcare.

### CONFERENCE DATE

The “First International Conference on Pervasive Computing Technologies for Healthcare 2006,” will be held Innsbruck, Austria, from **November 29<sup>th</sup> to December 1<sup>st</sup>, 2006.**

### CONFERENCE PROGRAM

The detailed conference program is available at <http://www.pervasivehealth.org>

#### The conferences features:

- Eight technical sessions consisting of 32 high quality technical papers
- Several invited papers by leading professionals in the field
- Keynote speakers:
  - Prof. Elizabeth Mynatt from Georgia Institute of Technology, “Pervasive Technology for Chronic Healthcare”
  - Prof. Niilo Saranummi from Technical Research Centre of Finland (VTT), “Towards Personalized Health Services”
  - Dr. Juan Carlos Chachques from European Hospital George Pompidou, “Telemonitoring in cardiology”

### WORKSHOPS

#### November 28<sup>th</sup>

**LOCARE 2006:** First International Workshop on Location Based Services for Health Care. <http://www.locare.org>

#### November 29<sup>th</sup>

**PHMCS 2006:** International Workshop on Security and Privacy in Mobile Health. <http://pmhcs.org>

#### December 2<sup>nd</sup>

**CONNECTINGHEALTH 2006:** First International Workshop on Connected Health, using IT to Integrate the HealthCare Enterprise. <http://www.connectinghealth.org>

### LOCATION

The conference will be held in Hotel Grauer Baer that is located at Universitaetsstrasse 5-7 A-6020, Innsbruck, Austria.

Hotel Website: <http://www.innsbruck-hotels.at/grauerbaer/index.html>

**For further information and registration: <http://www.pervasivehealth.org>**