



Third International Symposium on Medical Information and Communication Technologies

24 – 26 February, 2009 Montreal, Canada

FIRST CALL FOR PAPERS

"Emerging wireless information technologies" & "applications for healthcare" are the central themes for the *Third International Symposium on Medical Information and Communication Technologies (ISMICT2009)* to be held in Montreal, Canada, from Tuesday 24 February to Thursday 26 February 2009. It will be an international **inter-disciplinary** effort towards better understanding and predicting how wireless technologies will impact on medical practice.

SCOPE

Healthcare is starting to adopt new technologies in wireless medical informatics that promise to overcome current healthcare-delivery limitations being experienced by both patients and physicians. This fast growing interest in technical innovation combined with today's medical knowledge explosion is creating demands on physicians, academics and patients, which require novel and broader paradigms in healthcare where wireless mobility is now expected everywhere. Topics of interest will include, but are not limited to, the following:

- Cost or benefit considerations in wireless healthcare
- E-Health & citizen centered care
- Hardware architecture for medical & biomedical ICT (Information & Communication Technology)
- Networks for mobile telemedicine & biomedical informatics
- Use of location information in healthcare, including personnel, patient & asset tracking
- Sensing & transmission of vital signs by wireless networks
- Telemedicine, tediagnosis & telesurgery
- Wireless body area networks
- Wireless hospital design & construction
- Wireless-safety/patient-safety as part of hospital certification process
- Wireless security & privacy in healthcare
- Wireless medical & biomedical measurements
- Wireless patient tracking in disaster management

NETWORK AND EXHIBIT

The Third ISMICT will bring together top international clinicians, engineers and researchers providing excellent networking opportunities, especially during panel sessions.

Companies, Universities, Research groups and Healthcare institutions will present their latest research results, products and ideas in the form of demonstrations or posters in the exhibition area.

PAPER SUBMISSION

Authors are invited to submit full papers (www.ismict2009.org) to the Technical Program Committee no later than September 26, 2008 according to the following schedule:

September 26, 2008 -Paper submission deadline
November 28, 2008 -Paper acceptance/revision notice
December 12, 2008 -Final paper due

ORGANISATION

Co-Chairs

Bernard Segal PhD. McGill University, Jewish General Hospital, Canada
Jorge Pomalaza Ráez MSc, MUHC, Canada
George Sandor MD. University of Toronto, Canada
Honorary Chair: Arthur Porter MD. Director General & CEO, MUHC, Canada

Technical Program Committee Co-Chairs

Wireless: Ioannis Psaromiligkos, PhD, McGill University, Canada
Clinical: Allen Huang, MD, McGill University, MUHC, Canada

INTERNATIONAL ADVISORY BOARD

Prof. Ryuji Kohno, Japan
Dr. John Farserotu, Switzerland
M. Ari Pouttu, Finland
Prof. Jari Linatti, Finland
Prof. Carlos Pomalaza Ráez, USA

KEYNOTE & INVITED SPEAKERS

Please check back frequently for news about our insightful and thought-provoking keynote and invited speakers (www.ismict2009.org)

ORGANISERS

McGill University Health Centre (MUHC)

Co-Organisers

McGill University
Concordia University
Centre hospitalier de l'Université de Montréal

