

## CALL FOR PARTICIPATION

### eHealth Theme



#### SCOPE

##### Conference Theme: Mitigating Paradox at the eSociety Tipping Point

The Institute for Computer Sciences, Social-Informatics and Telecommunications (ICST) IT Revolutions 2008 conference invites scholars, researchers, government officials, and industry leaders to participate by submitting position papers expressing your vision. Papers should address strategic directions in eHealth by outlining the major issues and identifying the gaps between the traditional and new ways thus ensuring a smooth transition towards an information and communications technology (ICT) driven future.

Today technology is getting ahead of society - the old ways, although still dominant, are becoming more and more dysfunctional and we are experiencing an "Age of Paradox" as the new ways disrupt how we used to do things and the traditional way we used to view the world. Just as the major inventions that shaped past Century were made by 1920 – it is expected that the major innovations that will shape the 21st Century are going to be made by 2020.

The IT Revolutions conference is clustered around major themes each championed by a prominent theme leader. Authors of accepted papers will meet in Venice to participate in theme workshops being held as part of the conference. Each workshop will:

- Evaluate where we are on the path to turnover.
- Exploring the core elements needed to encourage sustainable change Ensure a smooth transition.
- Point to the Future by underlining the factors enabling the IT revolution to redesign the world economy and society.

##### eHealth Theme - Areas of Interest

- the shifting health care paradigm: from professional care to self-care
- the role of the healthcare professional in the 21<sup>st</sup> century (facilitators, partners, authorities)
- the role of humans versus technology in our future Health systems
- the role of ICT in health and wellness (curative and preventative medicine)
  - back-office systems (Management Information Systems i.e. billing and one-patient-one-record)
  - Diagnostics and Population Health (Medical records text mining for improved diagnostics or public safety)
  - Tele-Health (home-care delivered via Internet and broadband technologies with remote sensing technologies)
  - Clinical (Molecular Diagnostics Tools i.e. omics)
  - Pharma (Reduction of the development cycle of new life sciences technologies i.e. drugs)
- ICT, Legal, Social and Policy issues, challenges and pitfalls
  - Data management and sharing electronic records
  - Interoperability and systems integration
  - Reliability and testing
  - Legal issues and Legislation
  - Standards and compliance
  - Social and ethical implications
  - New technologies: Wireless, Web 2.0 and SOA
  - Privacy, security and trust
  - Sensor nets, Bodynets and assistive technologies
- Other topics related to strategic directions in Health

## SUBMISSION INSTRUCTIONS

### Paper Format, Submission and Publication

Position papers can range from 2-8 pages.

See the ICST IT Revolutions Web site <http://www.itrevolutions.org> for details on format, submission and publication.

## eHEALTH THEME ORGANIZING COMMITTEE

### THEME CHAIR

**Christian Couturier**, Director General - Institute of Information Technology, National Research Council of Canada (NRC-IIT)

### TECHNICAL PROGRAM REVIEW COMMITTEE CO-CHAIRS:

**Irina Kondratova**, NRC-IIT and **Fazel Famili**, NRC-IIT

### eHEALTH WORKSHOP COORDINATING COMMITTEE

**Andrew Reddick**, **Bruce Spencer**, **Greg Sprague**, **Stephen Mackay** (NRC-IIT)

## IMPORTANT DATES

**Paper Submission Deadline:** 30<sup>th</sup> September, 2008

**Notification of Acceptance:** 31<sup>st</sup> October, 2008

**Conference:** 17<sup>th</sup> –19<sup>th</sup> December, 2008 (eHealth Workshop: 18<sup>th</sup> December)

### Technical Program Inquiries

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### General Inquiries

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