



HEALTHCOM 2008



10TH International Conference on e-Health Networking, Applications & Services
7th July – 9th July 2008 · Biopolis, Singapore

Focal Areas

Geriatrics and Eldercare – moving towards home based healthcare

E-Health & Telemedicine – closing the gap between developing and developed countries

Epidemic & Pandemic Control and Management – with regional emphasis

Rehabilitation and Physiotherapy – recent technological advances & applications



CALL FOR PAPERS

The Tenth International Conference on e-Health Networking, Applications & Services (IEEE Healthcom 2008) will be held from 7th to 9th July 2008 in Singapore. The conference will be co-organized by the Institute for Infocomm Research (I²R) and Alexandra Hospital (AH). It is sponsored by five chapters of the IEEE Singapore Section, namely the *Communications, Computer, Signal Processing, EMBS* and *MTT A/P* Chapters; and technically co-sponsored by IEEE Communications Society. Accepted papers will be on the IEEE explorer and the Engineering Index (EI). Best papers will be published in a special issue of the Journal of Telemedicine and e-Health, official publication of the ATA.

PAPER SUBMISSION

The conference will have long papers for which full paper submissions are required, and short papers for which only abstracts are needed. Papers must be written in English and electronically received on the conference website <http://www.healthcom2008.org> by 15th January 2008. Prospective authors are requested to submit a one page abstract (in case a short paper is being submitted) or a full paper (in case a full paper is being submitted). The full paper must be in IEEE format and not exceeding 8 pages including all diagrams and references, and in PDF format. Both abstract submissions and full paper submissions must have names, affiliations and full contact details (including email addresses) of all authors. All submitted papers will be reviewed by International experts in the Program Committee, and accepted papers will be published in the conference proceedings. More details will be made available in subsequent announcements and on our conference website.

TOPICS SHALL INCLUDE (BUT NOT LIMITED TO)

- Mobile Telemedicine
- Tele-homecare & Ubiquitous Healthcare
- Tele-presence & Robotics in Healthcare
- e-Health initiatives of world bodies
- Human Computer Interface
- Standards: HL7, XML, GEHR
- Networking and Embedded Systems
- Virtual Reality and Voice Recognition
- Multimedia in Education and Training
- Multimedia Technology in Internet Apps
- Bio-signal processing
- Assistive technologies
- Security and Privacy in healthcare
- Health monitoring
- Storage and display devices
- Emerging technologies for rehabilitation
- Tele-Rehabilitation and Tele-Physiotherapy
- Sensor networks for patient and elderly care
- Semantic Web in Healthcare
- Navigation Systems for Healthcare
- Computing for Human Experience and Wellness
- Medical nomadic computing
- Healthcare Industry Applications
- Graphical Visualization & Modeling
- Image Compression & Communications
- Medical Imaging & Molecular Imaging
- Medical Image Processing & Analysis
- Rural e-HealthCare Management
- Healthcare Cost & Financial Analysis
- Context-awareness for smart spaces in healthcare
- IT infrastructures and platforms for remote healthcare

IMPORTANT DATES

Deadline for submission of papers	January 15 th 2008
Notification of acceptance	February 29 th 2008
Deadline for submitting camera-ready papers	April 4 th 2008
Deadline for author registration	April 4 th 2008

INTERNATIONAL TECHNICAL PROGRAM COMMITTEE

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