



# The 8th International Conference on Current and Future Trends of Information & Communication Technologies in Healthcare

<http://cs-conferences.acadiau.ca/ict-18/>



November 5-8, 2018, Leuven, Belgium

## General Chair

Heiko Gewald, Germany  
Joel J. P. C. Rodrigues, Brazil

## Program Chairs

Haroon Malik, USA  
Ansar Yasar, Belgium

## Workshops Chairs

Wael M. El-Medany, Bahrain

## International Journals Chair

Bin Guo, China

## Publicity Chairs

Wim Ectors, Belgium  
Al-Sakib Khan Pathan, Bangladesh

## Advisory Committee

Sergio Camorlinga, Canada  
Kevin Daimi, USA  
Finn Kensing, Denmark  
Vincenzo Loia, Italy  
Francesco Pincioli, Italy  
Abdul Roudsari, Canada

The 8th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare (ICTH) is a premier venue for bringing together multi-disciplinary researchers, professionals and practitioners from academia and healthcare who are engaged in different facets of ICT and healthcare. The conference encourages innovative research contributions providing the recent significant developments and promising future trends of ICT based applications, systems, tools, environments and infrastructures in the fields of health/medical care, and related domains, such as public health and pharmaceuticals. Papers on either completed or ongoing research are invited in the following and related topics of interests.

- *Ambient Assisted Living for Elderly Care*
- *Ambient Intelligence and Intelligent Service Systems*
- *Analysis and Evaluation of Healthcare Systems*
- *Clinical Data & Knowledge Management*
- *Cloud Computing for Healthcare*
- *Collaboration Technologies for Healthcare*
- *Context-aware Applications for Patient Monitoring and Care*
- *Data mining Techniques and Data Warehouses in Healthcare*
- *Data Visualization*
- *Decision Support Systems in Healthcare*
- *Drug Information Systems*
- *Design and Development Methodologies for Healthcare Systems*
- *Diagnostic and Therapeutic Technologies in Healthcare*
- *Digital Hospitals*
- *E-health & m-health*
- *Electronic Health Records (EHR) & Personal Health Records (PHR)*
- *Evidence Based Medicine (EBM)*
- *Health grids*
- *Health Portals*
- *Information and Knowledge Processing*
- *Middleware Support for Smart Homes and Intelligent Applications*
- *Privacy, Confidentiality and Security Issues in Healthcare Systems*
- *Quantified Self for Pervasive Healthcare*
- *Related Real World Experimentations and Case Studies in Healthcare*
- *RFID Solutions for Healthcare*
- *Smart Homes and Home Care Intelligent Environments*
- *Telemedicine and Health Telematics*
- *Ubiquitous and Pervasive Computing in Healthcare*
- *Usability & Socio Technical studies*
- *Virtual Environments for Healthcare*

A complete list of topics can be found at: <http://cs-conferences.acadiau.ca/ict-18/call-for-papers.html>

## Deadlines

### Workshop Proposal:

May 28, 2018

### Paper Submission:

June 13, 2018

### Author Notification:

August 8, 2018

### Final Manuscript Due:

September 8, 2018



## Submission of Papers

Original, unpublished papers are solicited for presentation at the conference. Prospective authors are invited to submit papers (electronically, PDF Word format only) with no longer than 8 pages for full papers including all figures and references, and must be formatted according to the conference guidelines that can be found at: <http://cs-conferences.acadiau.ca/ict-18/paper-submission.html>

Submitted papers will follow peer-review procedures, and accepted papers will be scheduled for oral presentations. Selected papers will be invited for publication, in the special issue of:

- Journal of Ambient Intelligence and Humanized Computing (IF: 1.588), by Springer
- International Journal of Computing and Informatics (IF: 0.504), by CAI
- International Journal of E-Health and Medical Communications, by IGI Global

At least one author of each accepted paper is required to register and attend the conference to present the work.

## Venue

ICTH 2018 will be held in the city of Leuven. Leuven is the capital of the province of Flemish Brabant in Belgium. It is located about 25 kilometres (16 miles) east of Brussels. It is the 10th largest municipality in Belgium and the fourth in Flanders. Leuven is home to the Katholieke Universiteit Leuven, the largest and oldest university of the Low Countries and the oldest Catholic university still in existence. The related university hospital of UZ Leuven, is one of the largest hospitals of Europe. The city is also known for being the headquarters of Anheuser-Busch InBev, the world's largest brewer and one of the five largest consumer-goods companies in the world.