



IEEE CBMS 2008 Special Track on Intelligent Patient Management (IPM 2008)



The 21st IEEE Symposium on Computer-Based Medical Systems
June 17-19, 2008 University of Jyväskylä, Finland

<http://cbms2008.it.jyu.fi/>

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The 21th IEEE International Symposium on Computer-Based Medical Systems (CBMS 2008) will be held on June 17-19, 2008 at University of Jyväskylä, Finland. CBMS 2008 is held in cooperation with the Association for Computing Machinery (ACM) Special Interest Group on Applied Computing (SIGAPP), and is sponsored by the IEEE Computer Society (Technical Committee on Computational Medicine, TCCM) and the Department of Computer Science and Information Systems, University of Jyväskylä.

CBMS 2008 is intended to provide an international forum for discussing the latest results in the field of computational medicine. The scientific program of CBMS 2008 will consist of invited keynote talks given by leading scientists in the field, and regular and special tracks sessions that cover a broad array of issues which relate computing to medicine.

Over the past three decades there has been a rapidly growing interest by Governments and healthcare providers, of most industrialised countries, to improve access and the quality of healthcare. The motivation for such research has been generated by many factors relating to the changing demographics in populations for example the increasing proportion of the elderly in the population and increased longevity, improved medical technologies and rising health aspirations by the general population.

The aim of this track is to build on the successes of IPM 2005, IPM 2006, and IPM 2007 and consider the latest research in modelling patient care and resources within a healthcare system using intelligent computational and modeling techniques.

The purpose of the workshop is to encourage the development of intelligent patient management systems from a CBMS perspective. Accordingly, it will bring together academic and industrial researchers with experts from the healthcare and medical fields to discuss the latest advances in modeling patient care and resource management.

Topics of interest to the Intelligent Patient Management track include but are not limited to: Healthcare Information Systems, Decision Support Systems, Knowledge-based Systems and Data Mining, Artificial Intelligence and Management Science techniques, and possible hybrid approaches that include statistical techniques.

Applications of particular interest include but are not restricted to: the modeling of patient flow in hospital and the healthcare system in general, the modeling of healthcare interventions, and the management of patient care, the allocation of resources, healthcare expenditure and performance.

IMPORTANT DATES

28th January 2008 Submission of full papers (for publishing in IEEE CBMS proceedings)
28th February 2008 Notification of acceptance
28th March 2008 Camera-ready copy
28th March 2008 Pre-registration deadline

SUBMISSION PROCEDURES

Electronic submissions of original technical papers must be prepared following IEEE 2-column format and should be a maximum of 6 letter-size pages.

For Author Guidelines see Computer Society instructions at <http://computer.org/cspress/instruct.htm>. Contributions should be submitted electronically using the [paper submission system](#).