

***** CALL FOR PAPERS *****

SUBMISSION DUE DATE: December 15, 2013

SPECIAL ISSUE ON

Modeling & Simulation Advances in Healthcare Information Management, Decision Making and Education

International Journal of Privacy and Health Information Management

Guest Editors:

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INTRODUCTION:

During the last 50 years the computer and software development has strongly influenced all the primary aspects of healthcare including technological, medical, social, ethical, and legal aspects of healthcare data and management. New diagnostic methods and procedures have been always accompanied by an increase of computing power therefore opening and paved the way to Modeling & Simulation as innovative and cutting edge methodology and technology.

Nowadays challenging problems arising from the complex interactions that characterize medical and biological systems can be faced by using multidisciplinary approaches (including different disciplines, i.e. medicine, mathematics, physics, etc.) that require ad-hoc research strategies and dedicated experimental settings and designs. Modeling & Simulation is a powerful research tool that can be successfully used to support Healthcare Information Management, Decision Making, Education and Training at different levels.

OBJECTIVE OF THE SPECIAL ISSUE:

This special issue aims at collecting papers on Modeling & Simulation Advances in Healthcare Information Management, Decision Making and Education. The Special Issue will include innovative approaches, methods, application and techniques and will be based on best papers submitted and presented in I3M 2013; only high-quality, original scientific contributions will be considered and selected for publication.

RECOMMENDED TOPICS:

Topics to be discussed in this special issue include (but are not limited to) the following:

- Computer aided diagnostics and therapy
- Cellular and Molecular Models in Medicine
- Healthcare Management by Modeling and Simulation
- Modeling and Simulation for Biosciences and Bioinformatics
- Application of Multiple Operations Research Techniques (MORT) for Healthcare
- Modeling and Simulation of physical systems
- Healthcare and Public Health M&S
- Modeling and Simulation for Cognitive Computation
- Biomechanical problems for cardiothoracic and cardiovascular clinical problems: Models, designing tools, simulation environments and critical condition prediction for surgical interventions
- Application of Simulation for Healthcare Supply Chains
- Patient Specific Modeling of the Cardiovascular-Respiratory system: interdisciplinary approaches to theory and practice
- Mathematical Modeling and Health Technology Assessment
- Modelling and Simulation in Physiology and Medicine

SUBMISSION PROCEDURE:

Papers for the special issue will be selected among the best paper of I3M 2013 (International Multidisciplinary Modeling & Simulation Multiconference) and will undergo a double blind peer-review and shall be submitted according to IGI's submission requirements given in detail here (<http://www.igi-global.com/Files/AuthorEditor/guidelinessubmission.pdf>).

Paper will be selected by December 15, 2013. All the conference papers selected for publication in the journal special issue must be expanded, with a new title, abstract, and significantly updated/revised. INTERESTED AUTHORS SHOULD CONSULT THE JOURNAL'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <http://www.igi-global.com/Files/AuthorEditor/guidelinessubmission.pdf>. All submitted papers will be reviewed on a double-blind, peer review basis. Papers must follow APA style for reference citations.

ABOUT International Journal of Privacy and Health Information Management (JPHIM):

The International Journal of Privacy and Health Information Management (JPHIM) is an official publication of the Information Resources Management Association <http://www.igi-global.com/journal/international-journal-privacy-health-information/41027>. This journal publishes original research and reviews on all aspects of privacy and health information management serving as a unique venue for researchers as well as practitioners interested in reviewing latest research on application of computational methods to various aspects of privacy and management of healthcare information. Aspects of interest can cover such diverse topics as technological, medical, social, ethical, and legal aspects of healthcare data

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All submissions should be should be submitted by using the online system and directed to the attention of the Guest Editors:

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****Don't forget to send your CFP to IGI Global (journaleditor@igi-qlobal.com) for approval PRIOR to distribution. ****