Call for Papers, Special Issue of ISCA Journal in Computer Applications in Healthcare

Computers are playing an ever-increasing role in healthcare. Computer-based medical records can improve data access, retrieval, output, decision support, and quality assurance. As technology continues to develop and regulations shift toward digital record-keeping, technology is becoming increasingly important in the healthcare field. With this growth comes the need for the development of computer applications in healthcare.

Computer applications in healthcare have great potential. Research and development studies, however, are needed in assessing narrow and broader implication of computer applications in healthcare in order to provide an effective healthcare information system.

This special issue provides a discussion of high-quality research on computers and their applications in healthcare. The aim of this special issue is to describe and study various types of technologies that support healthcare information system as well as to examine the challenges presented by emerging trends in healthcare information technology.

The topics will include, but are not limited to, the following areas:

Mobile Applications

Smart Mobile Computing
Nutrition and Health Applications
On-Line Health Assessment
Diagnostic, Prognostic, and Treatment Applications
**AI/Machine Learning**
Machine Learning and Survival Analysis
Artificial Intelligence in Healthcare
Healthcare and Medical Modeling and Simulation

**Data Mining Applications**
Data Mining on Medical Databases
Survival Analysis on Medical Databases
Healthcare Data Visualization

**Healthcare Privacy and Security Applications**
Healthcare Social Media
Patient Privacy and Security Supports

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Information about ISCA Journal, including submitted journal format, may be found at:


Submission Date: August 15, 2020

Note that, as a special issue, all submitted papers should be sent directly through email to the guest editor:

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