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**Special Session Call for Papers**  
**International Symposium on Computer, Consumer and**  
**Control, 2014**

**Special Session organizer:** Prof. Yung-Kuan Chan

**Session name:** *Medical Informatics*

**Introduction/ Call for papers**

Due to the enormous growth in the use of electronics, communications, and information technology in all aspects of healthcare provision, medical informatics has recently emerged as a major field of research with a wide range of applications. The purpose of this special session is to demonstrate the potential of several intelligent approaches exploited in informatics and applications of information technology in medicine. Submissions for this special issue should be original work that deals in some manner with topics relevant to medical electronics, computation, and informatics.

The main focus of this special issue will be on the proposal of techniques for medical electronics, computation, and informatics which could be built on top of them. This special issue will become an international forum for researchers to summarize the most recent developments in the field, with a special emphasis given to the improvements and results obtained within the last several years. Potential topics include, but are not limited to:

- Medical Electronics,
- Telemedicine Applications
- Medical Signal and Image Processing
- Artificial Intelligence in Medicine and its Applications
- Medical Security and Privacy
- Healthcare Decision-Making

Prospective contributors are invited to submit their paper to Prof. Yung-Kuan Chan by email [ykchan@nchu.edu.tw](mailto:ykchan@nchu.edu.tw). All presented papers will be published in the Proceedings and the excellent papers will be recommended for publication in the special issue of SCI Journal.