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

Special Session organizer: Prof. Chia-Yen Lee

Session name: *Healthcare system and medical image analysis applications .*

Introduction/ Call for papers

Healthcare system to provide humans health care is complex for facilities, organizations, diagnostic imaging systems and information techniques. Concentrated is the aim on disease prevention and necessary medical procedures to improve a person's well-being. This is available for surgery, medicine administering or other alterations.

Medical imaging processing and analysis are computing techniques to provide assistances towards medical diagnoses. There are many challenges with special emphases on efforts related to image processing and analysis applications, modeling, simulation methodologies and healthcare technology problems. The computing techniques such as neural networks, fuzzy theory and artificial intelligence algorithms afford methods to overcome problems.

This special session is not only focused on problems and applications that deal with medical imaging by computing techniques and healthcare system issues but also intends to attract researchers and practitioners from academia and industry to present a discussion forum to share experiences

Indicative Topics/Areas

Topics of interest include, but are not limited to

- Medical imaging, image and biosignal processing and analysis
- Modeling and simulation methodologies
- Telemedicine, e-health and telecommunications
- Molecular bioengineering
- Artificial intelligence in medicine
- Health technology assessment
- Management and marketing in healthcare
- Ethical and legal aspects of e-health and telemedicine
- Hospital information systems
- Medical physics and biophysics

Prospective contributors are invited to submit papers to Prof. Lee by email cylee.bme@gmail.com. All presented papers will be published in the Proceedings and excellent papers will be recommended for publication in the special issue of SCI Journal.