

Special Issue

Medical Imaging & Image Processing

Message from the Guest Editors

Medical Imaging is becoming an essential component in various fields of biomedical research and clinical practice: Neuroscientists detect regional metabolic brain activity from PET, functional MRI, and MRSI scans, and radiologists identify and quantify tumors from MRI and CT scans. Image Processing includes the analysis, enhancement and display of biomedical images. Image reconstruction and modeling techniques allow instant processing of 2D signals to create 3D images. Image processing can be used to determine the diameter, volume and vasculature of a tumor or organ. Image classification techniques help to detect subjects suffered from particular diseases and to detect disease-related regions. The relevant Special Issue "Medical Imaging & Image Processing II" can be found here: http://www.mdpi.com/journal/technologies/special_issues/medical_imaging

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Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

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