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Special Session Call for Papers

SMC2014 Special Session on

Knowledge Engineering in Medicine and Health Informatics

part of the 3rd Mini-symposium on Medical and Health Care Technology

code: **SMC2014:15**

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Scope

Image and signal processing in medicine plays an important role for computer-aided diagnosis (CAD) systems using medical devices such as magnetic resonance imaging (MRI), X-ray computed tomography, and ultrasonic devices. The special session aims to gather the latest research on all aspects of image and signal processing in medicine, from image/signal acquisition over image/signal processing and analysis to integrated systems. Specific topics of interest for the special session include, but are not limited, to the following:

- Medical image/signal analysis
- Medical image/signal processing
- Medical image/signal acquisition theory/algorithm/systems
- Computer-aided diagnosis systems
- Computer-aided surgery systems
- Multidimensional data visualisation
- Image/signal processing theory and algorithms
- Image reconstruction
- Etc.

Important Dates

April 15, 2014: Deadline for submission of full-length papers to special sessions.

May 25, 2014: Acceptance/Rejection Notification.

July 9, 2014: Final camera-ready papers due in electronic form.

Submission

Manuscripts for a Special Session **MUST NOT** be submitted in duplication to any other regular or special sessions and should be submitted through the SMC 2014 main conference online submission system (on the SMC 2014 conference website).

All papers submitted to the special session undergo the same review process (three completed reviews per paper) as submissions to the main conference. The technical reviewers for the special session papers will be members of the SMC 2014 programme committee and qualified peer-reviewers to be nominated by the special session organisers.

Organised by IEEE SMC TC on Medical Informatics.