IPTA 2014

International Conference on Image Processing Theory, Tools & Applications

http://ipta14.ibisc.univ-evry.fr

October 14-17, 2014, Paris – France

Call For Special Session

IEEE

EURASIP

Special Session Chair(s):

1) **Chair 1 : Mouloud ADEL FRANCE**

2) **Chair 2: Salah BOURENNANE FRANCE**

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Special Session on Statistical Image Analysis for computer-aided detection and diagnosis on Medical and Biological Images (SIA-MBI)

Aims & topics:

Statistical methods, applied to image analysis, are an important research area in the field of image processing. Medical and biological images are natural images where statistical processing approaches could help clinicians and biologists to more understand, detect and diagnose using Computer based methods. This special session focuses on new statistical methods applied to signal and images in the biomedical field and it welcomes submissions of theoretical or applications approaches related in the context of, but not limited to:

Topics of interest:

- Multi-dimensional imaging
- Medical images filtering, restoration, segmentation and registration
- Feature extraction and image description
- Classification tools for image-based diagnosis
- Methods in diagnosis optimization
- Computer aided diagnosis systems and methods

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