



IEE Seminar on Blind Source Separation in Biomedicine

Wednesday 1st December 2004

The British Institute of Radiology,
36 Portland Place, London W1B 1AT

Synopsis

Blind Source Separation (BSS) and Independent Component Analysis (ICA) in particular, are techniques, which are currently enjoying a lot of interest in the biomedical field. The techniques available are wide and varied, and through all of the interest they have currently generated in the field there is the temptation that these techniques will be used in a 'black-box' fashion and in situations where the model is not appropriate. This could have very negative repercussions in the form of erroneous results and conclusions, simply because the wrong algorithms were inappropriately used. This event aims to discuss the proper use of such techniques when applied to biomedical applications and to point out possible pitfalls in their use in the biomedical field.

Delegates attending this event will learn about the diverse implementations of, and current state-of-the-art in, BSS and ICA techniques. More importantly is the appropriate practical implementation of these methods to applications in biomedicine. The event will also serve as a networking platform for like-minded individuals and an interface point for theoretically and practically motivated people.

For the full programme and to register visit:
<http://www.iee.org/events/bssica.cfm>

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