



FOREWORD

This issue and the subsequent issue of IJBEM include selected papers presented at the 8th International Workshop on Biosignal Interpretation (BSI2012) held in Como Italy on July 2-4, 2012.

The workshop is the latest meeting in a series of celebrated international BSI meetings in the area of biomedical signal processing and interpretation. The first BSI workshop was held in 1993 in Denmark. The vision of the workshop represented by the title “bio-signal interpretation,” meaning the “merger” of medical informatics and bio-signal processing, is quite farseeing at that time. The idea is getting more and more important nowadays because of the remarkable progress achieved in both fields yielding more chances of mutual collaboration. The workshop has been held basically in every three years and the joint initiative of International Medical Informatics Association (IMEA), International Federation for Medical and Biological Engineering (IFMBE) and IEEE Engineering in Medicine and Biology Society (EMBS).

This special issue includes 14 papers on *Brain Function and Neurophysiological Signal Interpretation* and *Novel Methods for Biomedical Signal Processing*.

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Editor in Chief, IJBEM

Kazuo Yana

Dept. of Applied Informatics, Hosei University, Tokyo Japan

Guest Editors,

Sergio Cerutti and Luca Mainardi

Department of Biomedical Engineering, Politecnico di Milano, Italy