



## Information Theory Applied to Physiological Signals

Guest Editors:

**Prof. Dr. Danilo P. Mandic**

Department of Electrical and  
Electronic Engineering, Imperial  
College London, London SW7  
2AZ, UK

**Prof. Dr. Andrzej Cichocki**

Brain Science Institute, RIKEN,  
Japan

**Prof. Dr. Chung-Kang Peng**

Rey Institute for Nonlinear  
Dynamics in Medicine, Beth Israel  
Deaconess Medical Center,  
Harvard Medical School, Boston,  
MA 02215, USA

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### Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we consider the most widely analysed physiological signals. The application of information theory principles to physiological signals has undoubtedly shed light on the intrinsic dynamics and mechanisms underlying many physiological systems, consequently elucidating interactions that would not have been possible using temporal or spectral analyses alone.

The main goal of this Special Issue is, therefore, to disseminate new and original research based on information theory analyses of physiological signals, in order to assist in both the understanding of physiological phenomena, diagnosis and treatment, and for planning healthcare strategies to prevent the occurrences of certain pathologies. Furthermore, manuscripts summarizing the most recent state-of-the-art of this topic will also be welcome.

Prof. Dr. Danilo P. Mandic

Prof. Dr. Andrzej Cichocki

Prof. Dr. Chung-Kang Peng

*Guest Editors*





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## Editor-in-Chief

### Prof. Dr. Kevin H. Knuth

Department of Physics, University  
at Albany, 1400 Washington  
Avenue, Albany, NY 12222, USA

## Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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Entropy Editorial Office  
MDPI, Grosspeteranlage 5  
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