Network Physiology and Entropy

Guest Editor:

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Deadline for manuscript submissions:
closed (30 April 2021)

Message from the Guest Editor

This Special Issue "Network Physiology and Entropy" welcomes theoretical or applied submissions reporting original research on the development and application of nonlinear analysis techniques (and those based on entropy and information theory in particular) and graph theory to quantify, characterize or model interactions between different types of physiological recordings. These include, but are not limited to:

- brain activity signals
- cardiovascular time series
- respiratory data
- muscular activations

Special Issue

Editor-in-Chief

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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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