CALL FOR PAPERS

Brain Informatics
Special Issue on
Brain Connectivity and Its Applications in
Neurological and Psychiatric Diseases

Guest Editors

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The search for the neuroimaging markers for neurological and psychiatric diseases has been an open challenge. In particular, more and more attention has been paid to the comorbidities of neurological and psychiatric diseases, and it is urgent to explore the markers specific to certain disorders. In the past few decades, functional and structural brain connectivity measures, as assessed by means of multimodal neuroimaging techniques including Positron Emission Tomography (PET), Magnetic Resonance Imaging (MRI), Magnetoencephalography (MEG), etc., have been proposed to improve the discriminative ability between patients and controls. This special issue aims to provide a forum for sharing recent advances in related areas for addressing challenges identified above. We welcome both novel findings and new methods. Researchers in related areas are invited to submit research or review papers for possible publication in this issue.

The topics may include but are not limited to the following list:

- Candidate imaging markers for neurological and psychiatric disorders;
- Novel methods for measuring brain functional connectivity, including dynamic connectivity, and directional connectivity;
- Methods for multimodal neuroimaging data fusion;
- Diagnostic markers based on brain connectivity measures;
- Computational models of brain connectivity for disease diagnosis.

Important Dates

- Paper submission deadline: July 10, 2019
- First round notification: August 10, 2019
- Final decision notification: October 10, 2019

Submission Instructions

For submission instructions please visit the journal website at https://braininformatics.springeropen.com/submission-guidelines
or contact Dr. Peipeng Liang at ppliang@cnu.edu.cn

The complete manuscript should be submitted through online submission system at:
https://www.editorialmanager.com/brai/default.asp