The 1st International Workshop on Deep Learning in Brain MRI and Pathology Images (DLBMPI 2017)

November 16, 2017 in Beijing, China

Introduction

Deep learning is powerful methods in computer vision. With the advent of large image databases, deep learning, as nearly the only algorithm capable to handle such databases, has recently achieved notable success. Deep learning methods have experienced an immense growth in interest from brain image analysis community also. Deep learning is ability to learn complex clinical features for describing subtle brain structure analysis using multimodal images.

The DLBMPI 2017 workshop will be co-located with the 2017 International Conference on Brain Informatics, November 16th, 2017 in Beijing, China. This workshop is the 1st one of workshop series in Deep Learning for Brain images. It is designed to be a discussion forum for researchers who are interested in the research and development of deep learning methods in brain image analysis applications.

We invite researchers and scientists to submit their high-quality and original works in deep learning in brain MRI and pathological images

[On-line Submission]

Topics of Interest

Possible topics for the workshop are (but not restricted to):

- Brain Segmentation and Parcellation Using Deep Learning
- Classification of Brain Diseases Using Deep Learning
- Detection of Cerebral Diseases Using Deep Learning
- Brain MRI Image Analysis Using Deep Learning
- Brain Pathology Image Analysis Using Deep Learning
- Mapping Diseased Brains Using Deep Learning

Submissions and Publication

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Similar to the main conference of BI 2017, there are two types of paper submissions that are possible:

TYPE I: Full Paper Submissions. Authors should submit their full papers with a maximum paper length of up to 10 pages in Springer LNCS format using our online submission system. The accepted and presented papers will be published by Springer as a volume of the series of LNCS/LNAI.

TYPE II: Abstract Submissions. Abstracts have a word limit of 500 words. Experimental research is particularly welcome. Accepted abstract submissions will be included in the conference program and will be published as a single, collective proceedings volume.
All submissions will be reviewed by at least two reviewers who will give detailed comments. If the submission gets accepted, the authors will submit a revised ("camera-ready") version that takes into account this feedback.

Workshop Chairs

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