The 1st International Workshop on Multicenter MRI: How different could you be from me?!

Call for Papers and Abstracts

Introduction

In recent years, exploration of brain using big data from Magnetic Resonance Imaging (MRI) becomes a hotly sought approach, where a large number of brain images are usually collected on different subjects with different acquisition protocols, from scanners of different types and different vendors at different sites, by different operators. Although the number of rigorously selected subjects could eventually reach thousand or even more, the other dimensions of data variation is usually sparsely sampled. Imagining two scenario: 1) one study collects 1000 subjects from a single 3T MR scanner; 2) the other collects the same number of individuals, but evenly from 5 different 3T scanners. Which strategy will be better for investigating subjects factor the study aimed at? Or which will be better when one needs to generalize any finding of the study. A fundamental question underlying is that how different is your scanner from mine? Will we be able to control their differences contributing in data collection?

In this workshop, we would like to scrutinize this issue in multicenter MRI studies. The workshop will be organized in two sessions: three plenary talks from invited speakers, and two or three talks from the selected abstracts. In addition, we will also announce an open dataset from multicenter traveling subjects in this workshop

Submissions and Publication

Similar to the main conference of BI 2019, we welcome two types of paper submissions:

- 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

(https://wi-lab.com/cyberchair/2019/bi19/scripts/submit.php?subarea=S02&undisplay_detail=1&wh=/cyberchair/2019/bi19/scripts/ws_submit.php). 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 printed out as a single, collective Abstract Note.
  Submit your abstracts via
  https://wi-lab.com/cyberchair/2019/bi19/scripts/submit.php?subarea=S02&undisplay_detail=1&wh=/cyberchair/2019/bi19/scripts/ws_submit.php

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.

Important Dates:

- July 20th, 2019: Submission deadline for workshop/special session/tutorial proposals (Extended)

- July 25th, 2019: Notification of workshop/special session proposal acceptance (Extended)

- August 4th, 2019: Submission deadline for full papers (Extended)

- August 4th, 2019: Submission deadline for workshop/special session papers (Extended)

- September 6th, 2019: Notification of full paper acceptance

- October 8th, 2019: Submission deadline for abstracts (Extended)

- October 28th, 2019: Notification of abstract acceptance

- December 13th, 2019: Tutorials, workshops and special sessions

- December 14th - 15th, 2019: Main conference

Session Chairs:

Hongjian He, Ph.D.
Center for brain imaging science and technology, Zhejiang University, China

For more information, please go to http://wi-consortium.org/conferences/bi2019/index.html

We look forward to seeing you in Haikou, China, 2019