



The 2017 International Conference on Brain Informatics (BI 2017)

November 16-18, 2017 in Beijing, China



Workshop on Novel Methods of the Brain Imaging in the Clinical and Preclinical Neuroscience (NMBICPN 2017)

Introduction:

Brain imaging holds crucial roles in viewing normal and abnormal conditions in the human brain without invasive neurosurgery. The workshop invites scientists and clinicians to present their seminal work on the relevant topics in novel methods of brain imaging in clinical and pre-clinical neuroscience.

We welcome investigators to share their innovative brain imaging approaches to further advance our ability to understand our brain function as well as to detect, diagnose, or monitor neurological conditions, such as mental disorders, brain tumor, strokes, epilepsy, Alzheimer's disease, Parkinson's disease, and other neurological disorders.

We also encourage the presenters to submit the high-quality, original work as a full paper (Type I submission) for the Lecture Notes in Computer Science/Artificial Intelligence (LNCS/LNAI) by Springer.

We are looking forward to seeing you in Beijing, China!

Topics of Interest:

The topics for the workshop include novel clinical or pre-clinical application of brain imaging with:

- CT, PET, DTI, MRI
- Neurophotonics, Magneto-encephalography (MEG)
- IR, NIRS, event-related optical signal, diffuse optical imaging
- Photoacoustic and Ultrasound
- EEG
- Any other novel brain imaging techniques
- Any advanced or novel software or databases for the brain imaging
- Voltage- and Calcium imaging

Submissions and Publication:

All speakers are required to submit either Type I or Type II paper.

Namely, Type I is a full paper and Type II is an abstract. Please see the instruction below carefully and submit either Type I paper or Type II abstract before the corresponding due date.

Similar to the main conference of BI 2017, there are 2 types of paper submissions that are possible:

- [Type 1: Full Paper Submissions](#). Papers need to have up to 10 pages in [Springer LNCS format](#). All full-length papers accepted will be published by Springer as a volume of the series of LNCS/LNAI.
- [Type 2: 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.

Please cut and paste the following address for the paper submission site if the hyperlink does not work: <https://wi-lab.com/cyberchair/2017/bi17/scripts/submit.php?subarea=S07&undisplay_detail=1&wh=/cyberchair/2017/bi17/scripts/ws_submit.php>

All submissions will be reviewed by at least two members of the Program Committee on the basis of:

- relevance to the workshop topic of interests.
- significance and technical quality
- originality
- format and clarity

Workshop Chairs:

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