



The 2017 International Conference on Brain Informatics (BI 2017)

November 16-18, 2017 in Beijing, China



The 2017 International Workshop on Mesoscopic Braininformatics – from brain information acquisition to brain information based applications (MBAI 2017)

November 16, 2017 in Beijing, China

**** Introduction ****

The special session is aimed to discuss the state-of-the-art mesoscopic brain informatics from brain information acquisition to brain information based applications. The session will contribute to the field by discussing concept of mesoscopic brain informatics, broadening our thinking about the multimodal fusion methods that obtain mesoscopic brain information (e.g. EEG, fMRI, DTI and sMRI etc.), investigating friendly softwares for gaining mesoscopic brain information, and reviewing typical applications of mesoscopic brain informatics including sleep, epilepsy and cognition etc.

The special session invites researchers and scientists to submit their high-quality and original work in all areas of mesoscopic brain informatics relative to multimodal data fusion (e.g. EEG, fMRI, DTI and sMRI etc.), promising and easy-to-use processing softwares and typical applications focused on the investigation of brain function and dysfunction in mesoscopic scale. The workshop will be co-located with the 2017 International Conference on Brain Informatics, November 16th, 2017 in Beijing, China. For more information, please see Call for Paper. We look forward to seeing you in Beijing, 2017.

[\[On-line Submission\]](#)

**** Topics of Interests ****

Research contributions should be related but are not limited to one or more of the following topics:

- Concept of Braininformatics
- Mesoscopic Brain information acquisition -- multimodal data fusion (EEG, fMRI, DTI and sMRI etc.)
- Mesoscopic Brain information processing software
- Typical applications: sleep, epilepsy, cognition....
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**** Submissions and Publication [\[Enter\]](#) ****

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

- Type I: 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 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 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 Co-Chairs ****

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<http://www.neuro.uestc.edu.cn/bci/member/yao/yao.html>

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https://docs.wixstatic.com/ugd/69eeb1_530d0278f25f4590ad7db739494f8901.pdf

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