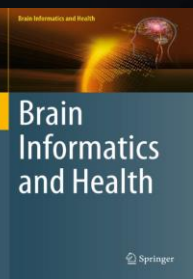
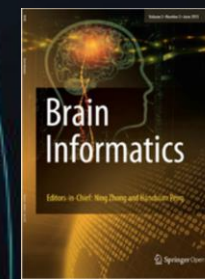




BI 2019

The 12th International Conference on Brain Informatics

Welcome to Hainan, China



June 30, 2019: Submission deadline for full papers
July 30, 2019: Submission deadline for abstracts

The 12th International Conference on Brain Informatics (BI'19)

December 13-15, 2019, Haikou, Hainan, China

Brain Science meets Artificial Intelligence

wi-consortium.org/conferences/bi2019/



Hosted by
Hainan University, China



Co-sponsored by

Chinese Association for Artificial Intelligence
Web Intelligence Consortium (WIC)

In Cooperation with

IEEE Computational Intelligence Society
International Neural Network Society
Chinese Society for Cognitive Science

CAAI Technical Committee on Brain Science and Artificial Intelligence (CAAI-TCBSAI)
Lecture Notes in Computer Science LNCS | Springer

The 12th International Conference on Brain Informatics (BI' 19)

Brain Science meets Artificial Intelligence

**Cognitive and Computational
Foundations of Brain Science**

**Human Information
Processing Systems**



**Brain Big Data Analytics,
Curation and Management**

**Informatics Paradigms for Brain
and Mental Health Research**

**Brain-Machine Intelligence
and Brain-Inspired Computing**

BI'19 Features

- ◆ **One Nobel Prize Speaker**
- ◆ **Two Keynote Speakers (American/European/Chinese Academicians)**
- ◆ **Five Feature Keynote Speakers (wrt Five Tracks of Brain Informatics)**
- ◆ **Twenty workshops specific to diverse topics and one or two panel discussions**

- Cognitive Neuroscience of Thinking and Reasoning
- Neuromodulation and Brain-Machine Intelligence
- BigNeuron Project
- Affective, Psychological and Physiological Computing
- Cognitive and Neuromodulation Communicative and Innovative Symposium
- BigNeuron Project
- Semantic Technology for eHealth
- Computational Psychiatry
- Novel Methods of the Brain Imaging in the Clinical and Preclinical Neuroscience
-
- Brain Big Data Based Wisdom Service
- Big Data and Visualization for Brainsmatics
- Computationally Intelligent Methods in Processing and Analysis of Neuronal Big Data
- Brain and Artificial Intelligence
- Knowledge Representation: Brain and Machine
- Deep Learning in Brain MRI and Pathology Images
- Big Data Neuroimaging Analytics for Brain and Mental Health
- Mesoscopic Brainformatics
- Brain Informatics in Neurogenetics
- Factors in Cognitive Decline: Learning, Memory and Neuromodulation
-

Paper Submission and Publication

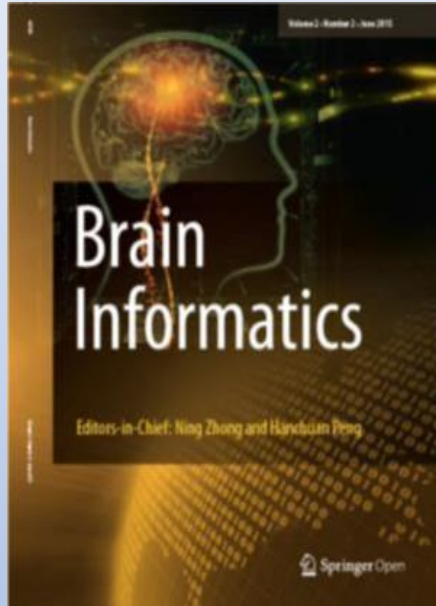


- **Full Paper:** limited to a maximum of 10 pages including figures and references in Springer LNCS Proceedings format. All papers will be peer-reviewed and accepted based on originality, significance of contribution, technical merit, and presentation quality. All full length papers accepted (and all special sessions' full length papers) will be **published by Springer as a volume of the series of LNCS/LNAI**. [<Submission click>](#)
- **Journal Opportunities:** BI full papers can go for a fast track review and publication at the **Brain Informatics Journal (Springer Nature)**.
- **Abstract:** abstracts will be reviewed and accepted for research presentations at conference technical sessions on five BI tracks. Each abstract should include a title and an abstract body within 500 words.
- **Special Issues & Books Opportunities:** abstract authors at BI technical sessions can be invited to contribute to book chapter publication in the **Springer-Nature Brain Informatics & Health Book Series**, or journal paper submission to a **special issue at the Brain Informatics Journal**.

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Poster-Conference Publication

Brain Informatics Journal (Springer Nature)



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Accepted full papers will be selected to publish in the Brain Informatics Journal upon revision.

(<https://braininformatics.springeropen.com/>)

Book series of Brain Informatics and Health (Springer Nature)



The organizers of Workshops and Special-Sessions are invited to prepare a book proposal based on the topics of the workshop/special session for possible book publication in the Springer-Nature Brain Informatics and Health book series

(<http://www.springer.com/series/15148>)