

Call for Papers on ICCMIT 2017

“The Gen-Next Neuro-Bio-Informatics”

Organized by:

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Objectives and Motivation

Neuro-Bio-informatics, the informatics of neuroscience is a next generation research field. Areas of research are highly novel for the integration and analysis of large-volume and high-dimensional experimental data. Informaticians provide computational softwares, mathematical models, and create interoperable databases for biomedical research scientists. Neuroinformaticians facilitate our understanding of the “deeper brain”. Additionally, neuro-bio-informatics fosters collaborative research—an important fact that facilitates the field's interest in studying the multi-level complexity of the brain.

Applications of neuro-bio-informatics are even seen in religion and culture.

This session aims to invite highly interdisciplinary, combining ideas and methods from psychology, computer science, bioinformatics, linguistics, philosophy, and neuroscience.

Scope and Interests

Call for research/review/case studies manuscripts from psychology, computer science, bioinformatics, linguistics, philosophy, and neuroscience towards study of physiological, genetic, and developmental mechanisms of behavior in humans and non-human animals. Topics of the session may include, but not limited to, the following:

- Computational Biology
- Bioinformatics
- Next Generation Sequencing
- Biomedical Informatics
- Mathematical modeling
- Computer aided drug design
- Neuro-Bio-Informatics in Ayurveda: Ayur-informatics
- Neuro-Bio-Informatics in Yoga: Yogic-Informatics
- Bio-software development
- Computational Neuroscience
- Neuroinformatics, and
- application of neuro-bio-informatics in:
 - Cognitive neuroscience
 - Neuropsychiatry
 - Neurological disorders
 - Sleep disorders
 - Evolutionary neuroscience
 - Cultural neuroscience
 - Parapsychology

Paper Submission Important Dates

All instructions and templates for submission can be found in the ICCMIT 2017 web site: <http://www.iccmit.net/>. Please, contact the special session organizers if you are planning to submit any paper.

Paper abstract submission: February 15, 2017
Notification of acceptance: February 28, 2017
Final paper submission and authors camera ready: March 7, 2017
Conference Dates: April 3-5, 2017