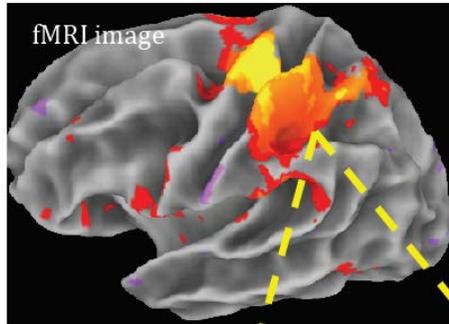


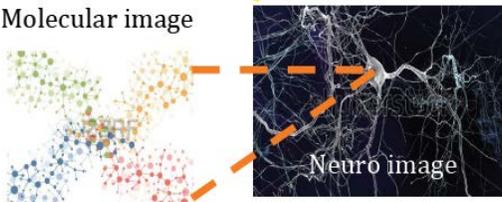
CALL FOR PAPERS

Special Issue “Advances on Neuro-Informatics”

Neuro-Informatics is one of the most attractive research topics for many generations of Scientists, Engineers, Practitioners, Physicians, others due to its profound importance in healthcare and in our lives, as well. Significant driving forces behind of such research topic are, human curiosity, the BRAIN Project in USA with a very large funding budget, the exponential evolution of the IT (or Computational Informatics) and Nano-Tech the last two decades, which have inspired and motivated many researchers around the globe to contribute with their research to the “last frontier (the brain)”.



Molecular image



The figure briefly shows a hierarchy that associates Brain (fMRI) images to Neuro images and Molecular images. It represents a framework on which researchers will connect these layers to better understand the structure and functionality of the human brain.

There are already research efforts around the globe regarding Neuro and Brain discoveries, but this is a research area that more scientists are needed from different fields to engage and inspire new contributions that may lead faster to the desirable goals. The main goal for this special issue is to motivate researchers and scientists to contribute to Neuro-Informatics and associated fields with state of the art methodologies and devices that may lead to new discoveries for diseases, deficiencies and early prognosis. So, we invite the submission of original papers addressing the contributions on the field of Neuro-Informatics for the following topics:

- Neuro and Brain Imaging (EEG, fMRI, PET, CT, other)
- Multiple Modalities for Brain Activities (memory, learning, decision-making, emotion, consciousness other)
- Brain Diseases (mental, deficiencies, diagnosis)
- IT Devices for Brain Signalling (implanted, micro-nano)

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Submission of Manuscripts

Manuscripts must be prepared according to the format of the IEEE Journal of Biomedical and Health Informatics (<http://jbhi.embs.org/for-authors/prepare-and-submit-your-manuscript/>) and electronically submitted through the Manuscript Central (embs-ieee.manuscriptcentral.com/). When submitting, authors are required to choose “*Advances in Neuro-Informatics*” in the manuscript type to indicate that the paper is intended for this special issue. Regular papers can be submitted each having a maximum length of 7 IEEE format printed pages. If papers exceed these limits then mandatory over length charges apply. Only original and well-focused papers presenting previously unpublished research work will be considered. All papers will be reviewed by at least three experts in the field.

Key Dates

Deadline for Submission: January 15, 2018

First Reviews Due: April 01, 2018

Revised Manuscript Due: May 01, 2018

Final Decision: June 15, 2018

For any questions, please contact the Guest Editors or the Editor-in-Chief, Prof. Dimitrios I. Fotiadis, jbhi-eic@embs.org.