BFAL 2017
Patras - Greece
24 - 25 September

International Conference on "Brain Function Assessment in Learning"

CALL FOR FULL/ SHORT PAPERS AND POSTERS IS NOW OPEN

Dear Colleague

We have the pleasure to invite you to participate in

BFAL 2017

International Conference on Brain Function Assessment in Learning

http://bfal2017.iis-international.org/

Save the date**: September 24-25, 2017**

The conference will take place in the beautiful sea- side city of **Patras** in Greece.

It will be held under the auspices of the **University of Patras,** in its **Conference and Cultural Center**.

*Submission of scientific full and short papers/ posters by **JUNE 20, 2017** at 11:59pm pacific time.*

Scope of the Conference

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The Institute of Intelligent Systems (IIS) inaugurates a new series of top-flight Thematic International Conferences. **BFAL 2017: International Conference on "Brain Function Assessment in Learning** opens this new series**.**

The conference aspires to attract state of the art research on the theme of **brain function assessment in learning** and marks the direction towards a new and very promising field with an emphasis on new ways of investigation and ideas. It aims to regroup research in multidisciplinary domains such as Neuroscience, Computer Science, Medicine and Health, Education, Cognitive Psychology, Human Computer Interactions, Social Interaction, Artificial Intelligence and bring together specialists in a cross discipline approach to understand better how to use the brain capabilities to improve cognition and learning. The conference is expected to throw light on the multiple applications of Brain Function Assessment in Learning by exploring the multidisciplinary aspects which open the road to new considerations and hypothesis for complementary works.

The convergence of cognitive studies, tools of artificial intelligence, neuroscience approaches and health applications open a new era of multidisciplinary research tracks. The emergence of new assessment devices allows new ways of experimentation in laboratories, with light, non intrusive, and low cost material.

Industrial representatives of relative technology will also be invited to present the new possibilities of their tools and equipment.

Relevant Research Areas

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The BFAL 2017 welcomes submissions on topics of interest including, but not limited to:

- Biofeedback systems
- Biometric Systems
- Brain Activity
- Brain-Computational Mechanisms
- Brain control for learning
- Brain Data Extraction
- Brain images
- Brain Plasticity
- Brain training
- Cognitive functions
- Data Mining
- Consciousness and social behaviors
- Internet of things
- Human Computer Interface
- Healthcare Applications
- Image Processing
- Intelligent Environments
- Intelligent training
- Intelligent agents
- Intelligent video games
- Memorization process
- Mental Health
- Neurocognitive function
- Social Cognition
- Virtual Reality

Conference Committee

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Program Committee Chairs:

- Claude Frasson   University of Montreal, Canada
- George Kostopoulos   University of Patras, Greece

Conference Proceedings

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The selected papers will be published in a **Springer** Verlag book in Lecture Notes in Artificial Intelligence (**LNAI**) which enjoys a significantly high impact factor.

Neuroscience and Computer Science Product Exhibition

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Several companies specializing in neuroscience and HW and SW products (Brainwear Technology, Electrophysiology, Brain Monitoring, Functional Neuro Imaging, EEG, MEG, fMRI, electrical recording systems including wireless, etc) have been invited to exhibit their products during the conference, to inform researchers about new tools and equipment.