

OpenViBE Workshop

Graz, September 15th, 2014

A satellite workshop of the [6th International Brain-Computer Interface Conference](#)

OpenViBE (<http://openvibe.inria.fr>) is a software platform dedicated to designing, testing and using brain-computer interfaces (BCI). It can be used to acquire, filter, process, classify and visualize brain signals in real time. Five years after its first official release (the OpenViBE project started in 2006 and the first version of the software was released in 2009), OpenViBE now appears to be used by multiple people and laboratories all over the world and has become a major BCI platform. This first OpenViBE workshop is meant to gather all the users and people interested in this tool, its use and its future evolution. In other words, we believe it is time for the OpenViBE community to meet, exchange and further collaborate. This workshop will consist of a mix of tutorials, demos, scientific presentations, and discussions between users, novice or experts in OpenViBE.

Organizers: Inria (French National Institute for Research in Computer Science and Control, www.inria.fr), Mensia Technologies (www.mensiatech.com)

Registration: registration is free but requested due to limited space. For registration, please send an email with your name, affiliation, level of expertise in OpenViBE (beginner, average, expert), if you want to join the evening (programmers) session, and whether you would like to present one of your own OpenViBE-based applications (a workshop session is dedicated to users presentations) to: openvibe-workshop@inria.fr

Tentative Program:

Morning (9 am)

- Opening remarks and general presentation of the day (and speakers)
- OpenViBE tutorial : basics, first steps with the software

Afternoon (2 pm)

- Tutorial follow-up (BCI paradigms e.g., Motor Imagery, P300) and live demos
- Applications and good practices
- Presentations of OpenViBE users (open call for short presentations)
- Exchanges and questions

Evening (for programmers) (8 pm)

- Programming in and with OpenViBE
- Technical forum (ask programming questions to OpenViBE experts)
- How to contribute

Targeted Audience: People interested in discovering or/and exchanging on the OpenViBE software, beginners in BCI usages and OpenViBE (Morning), current and future users of OpenViBE (Afternoon), programmers interested in getting deeper in the software (Evening)

Organizing committee:

- Fabien Lotte, Research Scientist, Inria Bordeaux Sud-Ouest
- Anatole Lécuyer, Senior Research Scientist, Inria Rennes Bretagne-Atlantique
- Laurent Bougrain, Associate Professor, Inria Nancy Grand-Est / Lorraine University
- Maureen Clerc, Senior Research Scientist, Inria Sophia-Antipolis
- Jussi Lindgren, Expert Engineer, Inria Rennes Bretagne-Atlantique
- Alison Cellard, Engineer, Inria Bordeaux Sud-Ouest
- Guillaume Serrière, Engineer, Inria Nancy Grand-Est
- Loic Mahe, Engineer, Inria Sophia-Antipolis
- Laurent Bonnet, Engineer, Mensia Technologies
- Louis Mayaud, Research Director, Mensia Technologies
- Yann Renard, CTO, Mensia Technologies

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