

## CALL FOR PARTICIPANTS

### **Multimodal approaches in experimental psychology and clinical neuroscience and psychiatry: bringing together research groups from Bavaria and São Paulo**

**(FAPESP/BAYLAT GRANT 2017/50223-7)**

The aim of this workshop is bringing together leading research groups in the field of clinical neuroscience, clinical psychiatry and experimental psychology from the states of São Paulo and Bavaria. The coordinators (Profs. Brunoni and Padberg) will provide an in-depth review on non-invasive brain stimulation (NIBS) techniques and their current use for research and treatment of psychiatric disorders. Research techniques including multimodal neuroimaging and measures of motor cortex physiology applied in NIBS research will be introduced. In this context, Prof. Gattaz will contribute with his expertise in the use of biological markers in clinical psychiatry and clinical neuroscience, particularly for the treatment of mood and psychotic disorders. Prof. Sauseng will focus on using multimodal approaches to probe human brain physiology and functions. Besides treatment, diagnostic and investigational methods on the human brain will be discussed. Profs. Ventura and Kremers, heads of laboratories studying vision in the Universities of SP and Erlangen-Nuremberg, respectively, are long-term collaborators who have been supervising students together in common research projects in the last two decades. Their aim is to employ the visual system, from retina to visual cortex, as a framework to explore cognition and perception using electrophysiology, psychophysiology, and related techniques. Clinical application, such as early diagnosis of glaucoma and dementias using these approaches, will also be discussed. To conclude, the workshops in SP and Munich will present and discuss different topics in contemporary neuroscience. Given that the coordinators and mentors involved share common interests, the workshops will foster interactions between their research groups, establishing new partnerships and reinforcing existent ones. Moreover, all researchers coordinate large groups in their states and, therefore, several students will benefit from the workshops.

Please find updated information at [http://www.sin.org.br/fapesp\\_baylat/](http://www.sin.org.br/fapesp_baylat/)

#### **Coordinators**

**Prof. Dr. Andre Russowsky Brunoni (São Paulo)**

**Prof. Dr. Frank Padberg (Munich)**

This is a call for participants to attend to two workshops sponsored by FAPESP and BAYLAT, that will be conducted in São Paulo (20-23/November/2018) and Munich/Erlangen (27-31/March/2019).

1) Participants must be

- **PhD students about to defend thesis**, i.e., no later than 18.11.2019 *OR* **early carrier researchers**, i.e., PhDs who defended their thesis less than 10 years ago, i.e., after 18.11.2008, **AND**
- From higher education institutions or research centers in the state of Bavaria or the state of São Paulo.

2) To insure representability of different research groups, a maximum of 5 (five) applicants will be recruited from the same research institutions of the coordinators/mentors:

- In São Paulo; from the Institute of Psychiatry, Clinics Hospital or the Department of Experimental Psychology, Institute of Psychology at USP in São Paulo.
- In Bavaria; from the Department of Psychiatry, LMU Munich; Faculty of Psychology, LMU Munich or the Department of Ophthalmology, University of Erlangen-Nürnberg.

4) The candidates should submit to [fapesp.baylat@gmail.com](mailto:fapesp.baylat@gmail.com) :

- A 2-page CV, informing about their current position, doctoral topic, selected scientific publications, participation in congresses, lectures, workshops and conferences, and previous bilateral cooperations;
- A 1-page (<500 word) motivational letter describing their academic interests and explaining how participation will be beneficial to the candidate and to the workshop objectives;

- A title of his/her presentation, if the candidate is selected (each participant will present an 8-min oral talk for an audience of researchers, followed by a 4-min Q&A session).

5) The candidates will be selected based on the relevance of their research to the objectives of the workshops and their CV.

6) Each curriculum and letter will be evaluated by a mentor or coordinator, who will indicate if the candidate is among the top 1%, 5% better, 10% better or 50% better to attend the workshops. After this separate evaluation, potential candidates will be decided by the coordinators by consensus.

7) This public call will be disseminated through various means of communication. The call deadline is **June 29<sup>th</sup>, 2018 17:00 (GMT-3)**.

8) The selected candidates will be announced within 30 days of the end of the call.

**9) All candidates selected to participate in the workshop will have travel and accommodation costs sponsored by FAPESP and BAYLAT.**

9) For further questions, please contact Prof. Andre Brunoni (e-mail: [brunowsky@gmail.com](mailto:brunowsky@gmail.com)) in São Paulo or Prof. Frank Padberg (e-mail: [padberg@med.uni-muenchen.de](mailto:padberg@med.uni-muenchen.de)) in Munich.