

## **IRCCS-ISMETT**

is issuing a call for applications for the following contractor position:

### **1 Expert Researcher in TMS-EEG**

**(Ref. TMS EEG/19)**

ISMETT (Istituto Mediterraneo per i Trapianti e le Terapie ad Alta Specializzazione) is a state-of-the-art and one of the most technologically-advanced hospitals in Italy, managed by UPMC (University of Pittsburgh Medical Center) in partnership with Civico Hospital and the Ri.MED Foundation. The Italian Ministry of Health acknowledged ISMETT as an Institute for scientific-based care and treatment (IRCCS) in the area of "End-stage organ failure treatment and research."

In the scope of the project "Ricerca Finalizzata Giovani Ricercatori 2016, WFR: GR-2016-02361494 Dealing with patients with consciousness disorders: a multimodal approach to support the diagnosis and prognosis" IRCCS-ISMETT is seeking one Expert Researcher in transcranial magnetic stimulation with simultaneous electroencephalography (TMS-EEG). The selected candidate will be engaged in research dedicated to acquiring and analyzing electrophysiological data based on documented experience using the TMS-EEG integrated technique. The researcher will collect and study electrophysiological data (namely, TMS- or TEP-evoked potentials) of patients affected with disorders of consciousness of any etiology and in the acute stage, in the project's Operational Unit #1. For this purpose, the researcher will perform TMS-EEG co-registration sessions on patients admitted in the IRCCS-ISMETT intensive care unit. The duration of the contract is subject to the project's duration.

#### **Requisites:**

All applicants are expected to possess the following requisites at the time of application:

- Master's degree [*Laurea Magistrale*] in Psychology, or equivalent title recognized in Italy
- At least one scientific publication relating to the use of the technique as first, last, or corresponding author, on scientific journals with peer-review and impact-factor

#### **Preferred qualifications:**

- Scientific production rated with H-index of at least 2
- Participation as speaker in national and international conferences on cognitive neuroscience topics
- Graduation thesis on the use of non-invasive brain stimulation techniques, particularly TMS-EEG

The ideal candidate has a documented research experience in the field of cognitive neuroscience, particularly in the use of the TMS-EEG technique to collect data and conduct experiments for data analysis and interpretation of results. He/she is familiar with a neuronavigation system and MATLAB software for experiment planning and data analysis, has a good knowledge of the main computer applications, and of written and spoken English.

Other requisites: Strong motivation, flexibility, stress management, problem-solving skills, and good communication and teamwork skills.

**The activity will take place in Palermo.**

All communications from IRCCS-ISMETT will be e-mailed to the address stated by the candidate upon submitting his/her application.

IRCCS-ISMETT reserves its right of discretion to the fullest extent permitted by law in assessing the candidates and the eligibility of their applications.

After reading the privacy statement and authorizing the processing of their personal data (EU Regulation 2016/679), applicants of both sexes (Law 903/77) are requested to fill out the on-line application form available at <http://selezioni.ismett.edu> indicating the reference code.

When filling out the on-line application form, applicants will be requested to attach their CV. Applicants are also requested to attach a motivation letter and a list of their scientific publications.

At the end of the on-line process, applicants will also be requested to state, by means of a self-declaration, their possession of the requisites listed in this call for applications.

The deadline to submit the applications is **27 March 2019**.

Please note that only applications submitted on-line (<http://selezioni.ismett.edu/>) will be taken into consideration (<http://selezioni.ismett.edu/>).

Please note that selection records are confidential documents for internal use only, and may not be disclosed.

All applicants are obliged, at any time during the selection process, and if requested by ISMETT, to provide the documentation certifying the stated possession of the requisites within the requested deadline. Should any preliminary verification show a discrepancy with any statement submitted by the applicant, the latter will be excluded from the selection process, and any negotiation deemed permanently suspended.

IRCCS-ISMETT reserves the right to revoke this selection if the reasons that led the company to start this process no longer exists, or due to technical, organizational or financial reasons, which would make this selection no longer compliant with the company's interests.

Personal data included in the CVs will be processed by IRCCS-ISMETT and UPMC Italy in their role of joint controllers, for selections for this or other similar positions. Applicants are requested not to include special categories of personal data (e.g., health status), unless strictly necessary. Detailed information also with reference to data storage times and rights recognized under EU Regulation 2016/679, are available at [www.ismett.edu](http://www.ismett.edu) in the "Job Opportunities" section.