

## Call for Application for Prospective Ph.D. Students

Code: 16167 - Psychology and Social Neuroscience

Research curriculum in Cognitive Social and Affective Neurosciences (CoSAN)

### WHAT:

3 three-year funded **PhD positions in Cognitive, Social and Affective Neuroscience (CoSAN)** programme

(<http://www.cosanphd.com/>)

### WHO:

High-motivated applicants with a deep interest in systems neuroscience and higher-order cognitive, affective and social functions are encouraged to apply. **Preferred Degrees:** Psychology, Medicine, Neuroscience, Computational Neuroscience, Computer graphics, Computer Science, Biomedical engineering, Statistics, Mathematics.

Computer Programming skills are in particularly high demand.

Applications are invited from candidates who:

- hold an Italian diploma di laurea / laurea specialistica / laurea magistrale **in any discipline**,
- hold an equivalent second-level degree (generally equivalent to a Master's Degree) obtained **in any country, in any discipline**
- expect to receive their degree award **by October 31, 2016**

### WHERE:

- Department of Psychology, Sapienza University of Rome <http://dippsi.psi.uniroma1.it>
- Santa Lucia Foundation, Rome <http://www.hsantalucia.it>

### COORDINATOR OF THE PROGRAM

**Salvatore Maria Aglioti**, Director of the Social and Cognitive Neuroscience Laboratory, Sapienza University of Rome  
<http://agliotilab.org/>

**STIPEND: Euro 13.638,47 per year**, before taxes

### RESEARCH TOPICS:

Neural correlates of cognitive, social and affective processes including:

- Bodily and brain correlates of Intergroup processing, stereotype and prejudice.
- Joint attention and joint action in healthy and brain damaged people.
- Intention, action and emotion understanding
- Pain perception, empathy for pain, existential neuroscience
- Body awareness and Self-Other distinction in healthy, spinal cord injured, and brain damaged people
- Embodiment and agency in Immersive virtual reality

### RESEARCH TECHNIQUES:

- Transcranial Magnetic Stimulation (TMS)
- Transcranial electric Stimulation (tDCS, tACS)
- Electroencephalography (EEG), including:
  - Somatosensory Evoked Potentials (SEP)

- Laser Evoked Potentials (LEP)
- Infrared Eye-tracking and Motion-tracking
- Thermal Imaging
- Immersive virtual reality (CAVE and Head mounted display)
- Lesion Mapping analysis
- fMRI

**HOW:**

Admission is based on an evaluation of the skills and aptitude of the candidate, and the selection procedure includes two steps:

- **Phase 1.** Evaluation of qualifications
- **Phase 2.** On site (or video-conference) interview

**WHEN:**

**APPLICATION DEADLINE: 01/08/2016 11.59 pm CET**

**HOW TO APPLY:**

See <http://www.cosanphd.com/> and

[http://www.uniroma1.it/sites/default/files/PhD%20Bando%20inglese\\_201617\\_rivisto%20LS.pdf](http://www.uniroma1.it/sites/default/files/PhD%20Bando%20inglese_201617_rivisto%20LS.pdf)

- **Phase 1.** The outcome of the evaluation will be published on **06/08/2016**.
- **Phase 2.** On site interviews will start from **07/09/2016 at 9:00 AM** at the Department of Psychology. It is **possible**, following motivated requests, to conduct Phase 2 interview using **video-conferencing** facilities.

**INFO:**

<http://www.cosanphd.com/>

<http://agliotilab.org/>

<http://www.uniroma1.it/sites/default/files/bando%20%20inglese.pdf>

[http://www.uniroma1.it/sites/default/files/bando\\_31.pdf](http://www.uniroma1.it/sites/default/files/bando_31.pdf)

**CONTACT INFO:**

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(scientific requests)