



Call For Papers NER'15

Montpellier, France — 22 - 24 April 2015

Neural Engineering is an emerging core discipline, which coalesces neuroscience with engineering. Please join us at: the **7th International IEEE EMBS Conference on Neural Engineering**, which will be held at the **Corum Convention Center, Montpellier, France from 22-24 April 2015**. Members of both the Neuroscience and Engineering Communities are encouraged to attend this highly multidisciplinary meeting. The conference will highlight the emerging engineering innovations in the restoration and enhancement of impaired sensory, motor, and cognitive functions, novel engineering for deepening knowledge of brain function, and advanced design and use of neurotechnologies.

Neural engineering draws expertise from computational neuroscience, neurology, neurosurgery, biomedical and electrical engineering, computer science, materials engineering, biomaterials, and cell and molecular biology. Through innovations in neurotechnology the community seeks to synergize scientists, engineers, and clinicians toward improved medical therapies. All 4-page accepted papers will be provided on the USB symposium proceedings and published on IEEE Xplore afterwards. One page papers will also be available on the USB proceedings.

Contributions are invited in the following area (but not limited to):

- Neuroimaging
- Brain-Computer and Brain-Machine Interfaces
- Neural Computation and Modeling
- Neuro-Nanotechnology
- Neural Prostheses
- Neuro-Robotics
- Cognitive Engineering and Science
- Deep Brain Stimulation

Conference Committee:

David Guiraud - Chair
Nigel Lovell - Co-Chair
Thomas Stieglitz - Program Chair
Christine Azevedo-Coste - Program Co-Chair
Metin Akay
Dominique Durand
Bin He
Silvestro Micera
Gao Shangkai
Shanbao Tong

More information on paper awards and options for publication in a special issue of IEEE TNSRE can be found on the conference website

DEADLINE DATES 2014

Call for Proposals:

4-Page Paper Submission:
1 June–15 October

4-Page Paper Notification:
5 December

1-Page Paper Submission:
3-24 November

1-Page Paper Notification:
16 December

All Paper Final Upload and Author Registration Deadline:
28 December

Symposium website

<http://neuro.embs.org/2015/>

More information

EMB Executive Office

embs-conferences@ieee.org

