

NER'1920-23 March, 2019
San Francisco, CA, USA

International IEEE EMBS Conference on

**Neural
Engineering**

"Neurotechnologies for medical therapies and beyond"

The **9th International IEEE EMBS Conference on Neural Engineering** will be held at the Hilton San Francisco Union Square Hotel on **March 20-23, 2019**.

The conference program will feature preconference workshops, plenary talks, invited talks, and poster presentations.

All papers will be peer reviewed. Accepted full-length 4-page papers will appear in the Conference Proceedings.

Members of the Neuroscience, Engineering and Bioethics Communities are encouraged to attend this highly multidisciplinary meeting. The conference will highlight emerging neurotechnologies for the restoration and enhancement of impaired sensory, motor, and cognitive functions, novel engineering tools for elucidating brain function, and discussions on the ethics of neurotechnology use and adoption by impaired and healthy individuals.

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

- Brain-machine and brain-computer interfaces
- Central and peripheral neural interfaces
- Nanotechnology, circuits and materials
- Bioelectronic medicine
- Neural prostheses
- Neuromodulation
- Neurorehabilitation
- Neural decoding and encoding algorithms
- Neural computation and modeling
- Neural imaging
- Neuroethics

Paper submission opens: 23 July 2018

- Contributed paper submission deadline: **2 November, 2018**
- Acceptance Announcement: **7 December, 2018**
- Final Submission Contributed Papers: **21 December, 2018**
- 1-page Abstract submission deadline: **14 December, 2018**
- 1-page Abstract Acceptance Announcement: **4 January, 2019**
- Final Submission 1-page Abstracts: **11 January, 2019**

ORGANIZING COMMITTEE:

Conference Chair:**Jose Carmena**

University of California, Berkeley

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