

NER'21



4 - 6 May, 2021

NER Virtual Conference

International IEEE EMBS Conference on



NEURAL ENGINEERING

Twenty years of turning potential into action

*The 10th International IEEE EMBS Conference on Neural Engineering
will be held virtually on May 4 -6, 2021*

The Neural Engineering Community welcomes researchers, members of academia, clinicians, representatives of patient associations, industry, government agencies, funders, and other interested parties to attend the premier conference for this highly interdisciplinary field. NER is the world's gathering place for biomedical engineers, neuroscientists, and clinicians to share research and to exchange ideas and breakthrough advances in novel engineering tools for elucidating brain function and neurotechnologies for the restoration and enhancement of impaired sensory, motor, and cognitive functions.

The conference program will feature keynote speakers, invited talks, mini-symposia, and poster sessions. All papers will be peer reviewed. All accepted one page and four page papers will appear in the Conference Program. Only four page papers will have the opportunity to be published in IEEE Xplore.

Contributions Are Invited in the Following Areas: *(but not limited to)*

- Brain-machine 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

IMPORTANT DATES:

- 4-page paper submission deadline: November 20, 2020
- 4-page acceptance announcement: December 21, 2020
- 1-page abstract submission deadline: February 19, 2021
- Final 4-page paper submission deadline: February 1, 2021
- 1-page abstract acceptance announcement: March 25, 2021
- Final 1-page abstract submission deadline: April 5, 2021

Organizing Committee:

Conference Chairs

Silvestro Micera & Thomas Stieglitz

Program Chairs

*Paolo Bonato, Michela Chiappalone,
Alessandra Pedrocchi & Takafumi Suzuki*

International Program Chairs

Metin Akay & Paul Sajda

Mini-symposiums & Special Sessions Chairs

Marco Capogrosso & Stanisa Raspopovic

Publicity & Media Chairs

Alberto Mazzoni & JoJo Platt

Finance Chair

Calogero Oddo

Award Chairs

Abidemi Ajiboye & Solaiman Shokur

Exhibition Chairs

Lorenzo De Michieli & Rylie Green

<https://neuro.embs.org/2021/>