



CALL FOR PAPERS

ICNNE 2021
Nov 11-12, 2021
Rome, Italy

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICNNE 2021 : International Conference on Neuroprosthetics and Neural Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Neuroprosthetics and Neural Engineering. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Neuroprosthetics

Neuroprosthetic technologies and devices

Neurorehabilitation and neuroprosthetic technologies

Soft bioelectronics: materials and technology

Complex neural systems and communication

Neural interfaces and neuromodulation

Neuroanatomy and physiology

Extracellular stimulation and recording

Materials for stimulation and recording

Peripheral stimulation and recording

Central stimulation and recording

Existing and future FES systems

Neural stimulation

Neural plasticity

Functional electrical stimulation

Deep brain stimulation

Auditory prosthesis

Cortical prosthesis

Peripheral nerve interfaces

Microelectrode array technology

Brain computer/machine interfaces

Applications to complex communication needs

Assistive technologies

Augmentative and alternative communication

Biofeedback therapy

Brain/neural computer interfaces