



# CALL FOR PAPERS

**ICAN 2021**  
**Mar 25-26, 2021**  
**Madrid, Spain**

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.

ICAN 2021 : International Conference on Applications of Neurorobotics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Applications of Neurorobotics. 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:

Neurorobotics  
Neuroscience, robotics, and  
artificial intelligence  
Embodied autonomous neural systems  
Brain-inspired algorithms  
Computational models of biological  
neural networks  
Actual biological systems  
Major classes of neurorobotic  
models  
Locomotion and motor control  
Learning and memory systems  
Action selection and value systems  
Implications for neuroscience

Bio-inspired sensory-motor  
coordination and adaptive control  
Active perception  
Neurocontrollers  
Self-organization and sensory-motor  
mapping  
Predictive behavior  
Bio-inspired learning robots  
Robot imitation and learning by  
demonstration  
Memory-based algorithms  
Cognitive behaviors in robots  
Deep learning  
Neuromorphic computing for robotics