



CALL FOR PAPERS

ICNML 2022
Jan 11-12, 2022
Singapore, SG

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.

ICNML 2022 : International Conference on Neurorobotics and Machine Learning is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Neurorobotics and Machine Learning. 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