



CALL FOR PAPERS

ICMCS 2020
Jan 30-31, 2020
New York, USA

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.

ICMCS 2020 : International Conference on Machine Consciousness Studies is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Machine Consciousness Studies. 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:

Machine consciousness
Artificial intelligence and machine consciousness
Consciousness science
Modern approaches to machine consciousness
Consciousness in robots and systems
Conscious processes as algorithms or control structures
Consciousness for robots
Resilient and brain-based machines
The externalist outlook for robots
Neural models of cognition
Theory within neurophysiology
Artificial consciousness
Machine consciousness and synthetic consciousness

Consciousness and artificial intelligence
Computational architectures on machine consciousness
Consciousness in human and robot minds
Ethics of artificial consciousness
Methods of defining and recognizing the presence of artificial qualia
Setting up a Turing test for artificial qualia
Aspects of consciousness
Awareness
Memory
Learning
Anticipation
Subjective experience