



# 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