



CALL FOR PAPERS

ICAMS 2020
Dec 17-18, 2020
Dubai, UAE

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.

ICAMS 2020 : International Conference on Advanced Marine Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Marine Systems. 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:

Marine systems and vehicles
Marine cyber-physical systems
Ship automation
Surface and underwater vehicles
Communication in the marine domain
Systems for integrated operation
Internet of things (IoT) in the maritime domain
Subsea construction and operation
Propulsion and energy savings
Decision support and safe operation
Control applications in off-shore wind and wave marine renewables
Maritime robotics (underwater, surface, aerial)
Biomimetics in marine robotics

Marine cyber-physical systems for aquaculture
Applications of maritime robotics (monitoring, mapping, search & rescue, habitat and environment, mine counter measure)
Hybrid power generations for marine systems
Navigation, guidance and control of marine vehicles
Adaptive, nonlinear and reconfigurable systems
Marine swarms of heterogenous agents
Cooperative and intelligent marine cyber-physical systems
Robust and resilient marine systems
Modelling, identification and estimation
Monitoring, diagnosis and fault handling
Autonomous marine vehicles
Safety and security for ports and ships
Ship roll stabilization techniques