



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