



CALL FOR PAPERS

ICMRS 2023
Sep 06-07, 2023
Prague, Czechia

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.

ICMRS 2023 : International Conference on Marine Robotics and Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Marine Robotics and 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 robotics	Communication in the marine domain
Marine robotic vehicles	Systems for integrated operation
Autonomous long-term navigation, localization and SLAM	Internet of things in the maritime domain
Dynamic replanning, planning under uncertainty	Subsea construction and operation
Semantic-based world modeling, probabilistic approaches in ontologies	Propulsion and energy savings
Smart control strategies	Decision support and safe operation
Architectures for long-term autonomy	Control applications in off-shore wind and wave marine renewables
Robust learning techniques	Maritime robotics
Probabilistic graphical models	Biomimetics in marine robotics
Bio-inspired and bio-mimetic approaches	Marine cyber-physical systems for aquaculture
Marine cyber-physical systems	Applications of maritime robotics
Ship automation	Hybrid power generations for marine systems
Surface and underwater vehicles	Navigation, guidance and control of marine vehicles