



CALL FOR PAPERS

ICAUR 2021
Mar 08-09, 2021
Bangkok, Thailand

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.

ICAUR 2021 : International Conference on Advances in Underwater Robotics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advances in Underwater Robotics. 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:

Underwater robots and robotics
Underwater robotic systems
Underwater robotics, current and common applications
Advances in underwater robotics
Underwater robotics and artificial intelligence
Marine robotics
ROVs, AUVs, and other sensor platforms
Vehicle and manipulator control
Automatic mapping, monitoring and intervention

High-level planning/re-planning and reconfiguration
Environmental conditions
Communication constraints and failure conditions
Deep-water operations and energy optimization
Information optimization and mathematical models
Real-time data and advanced algorithms
Numerical optimization and nonlinear control
Real-time sensor fusion combining
Identification, mapping and monitoring