



CALL FOR PAPERS

ICRMKA 2020
Feb 17-18, 2020
Male, Maldives

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.

ICRMKA 2020 : International Conference on Robotic Manipulation Kinematics and Algorithms is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Robotic Manipulation Kinematics and Algorithms. 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:

Robotic manipulation	Manipulator kinematics
Manipulation system	Robot dynamics and control
Manipulation planning algorithms	Multifingered hand kinematics
Manipulation planning	Hand dynamics and control
Planning with sensor visibility	Nonholonomic behavior in robotic systems
Multifingered hands and dextrous manipulation	Nonholonomic motion planning
Manipulation using single robots	Future prospects
Coordinated manipulation using multifingered robot hands	Lie groups and robot kinematics
Nonholonomic behavior in robotic systems	Manipulator geometric model
Rigid body motion	Position representations
Rigid body transformations	Rotation representations
Rotational motion	Operational space framework
Wrenches and reciprocal screws	Redundancy and singularities