



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:

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| 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 |