



CALL FOR PAPERS

ICCSRWA 2020
Mar 23-24, 2020
Tokyo, Japan

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.

ICCSRWA 2020 : International Conference on Cable-Suspended Robots and Workspace Analysis is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Cable-Suspended Robots and Workspace Analysis. 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:

Cable-suspended robots
Kinematics and dynamics of cable robots
Design, planning and control
Dynamic modeling and active control
Feedback controllers with positive inputs
Workspace analysis of cable-suspended robots with elastic cable
Dynamic model
Workspace of reference point

Feedback controllers
Simulation of controllers
Lightweight, stiff and strong cables
Design and programming for cable-driven parallel robots
Static and dynamic stiffness analysis of cable-driven parallel robots
Path planning
Workspace estimation
Path verification