



CALL FOR PAPERS

ICCSR D 2021
Mar 29-30, 2021
Sydney, Australia

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.

ICCSR D 2021 : International Conference on Cable-Suspended Robots and Design is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Cable-Suspended Robots and Design. 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