



# CALL FOR PAPERS

**ICMRCCTA 2020**  
**Feb 06-07, 2020**  
**Mumbai, India**

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.

ICMRCCTA 2020 : International Conference on Multi-Robot Cooperation and Cooperative Task Achievement is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Multi-Robot Cooperation and Cooperative Task Achievement. 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:

Multi-robot cooperation  
Plan merging paradigm  
Multi-robot architecture and paradigms  
Distributed perception and estimation in multi-robot systems  
Planning and decision making for multi-robot systems  
Modeling and control of multi-robot systems  
Robot control system  
Optimal control and optimization methods for multi-robot systems  
Decentralized motion planning for multiple mobile robots  
Multi-robot cooperative tracking  
Heterogeneous multi-robot cooperation

Multi-robot cooperation for human-robot communication  
Mission planning and supervision  
Task allocation among the robots  
Task achievement in a multi-robot context  
System performance  
Coordination to avoid conflicts  
Plan-merging for cooperative task achievement  
Tools and software environment  
Implementation and test  
Future developments and prospective