



# CALL FOR PAPERS

**ICWMRMM 2021**  
**May 24-25, 2021**  
**Barcelona, Spain**

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.

ICWMRMM 2021 : International Conference on Wheeled Mobile Robotics and Motion Modeling is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Wheeled Mobile Robotics and Motion Modeling. 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:

Wheeled mobile robotics  
Motion modeling for mobile robots  
Kinematics of wheeled mobile robots  
Kinematic modeling  
Motion constraints  
Motion control of wheeled mobile robots  
Trajectory tracking control  
Optimal velocity profile estimation for a known path  
Path planning  
Environment presentation for path planning purposes  
Simple path planning algorithms

Graph-based path planning methods  
Coordinate frame transformations  
Pose measurement methods  
Sensors  
Nondeterministic events in mobile systems  
Autonomous transportation vehicles  
Wheeled mobile robots in agriculture  
Wheeled mobile robots in industry  
Wheeled mobile robots in domestic environments  
Assistive mobile robots in walking rehabilitation therapy