



CALL FOR PAPERS

ICBRD 2020
Jul 23-24, 2020
Berlin, Germany

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.

ICBRD 2020 : International Conference on Biped Robots Design is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Biped Robots 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:

Biped robots	Hip trajectory
Biped robots design	Simulation and experiments
Biped robots models	Actuator specifications and walking patterns
Analysis of the models	The stability framework
Theoretical framework and methods	Bipedal robots as hybrid dynamical systems
Applications	Constraints
Kinematic and dynamic analysis for biped robots design	Control of bipedal robots
Planning walking patterns for a biped robot	Passive walking
Modeling, stability and control of biped robots	Walking with active control
Walking cycle	Future directions
Foot trajectories	