



CALL FOR PAPERS

ICHCSA 2020
Jul 06-07, 2020
Singapore, SG

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.

ICHCSA 2020 : International Conference on Hybrid Control Systems and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Hybrid Control Systems and Applications. 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:

- Hybrid control systems
- Hybrid systems
- Continuous and discrete control systems
- Analysis and design of hybrid control systems
- Modeling of hybrid control systems
- Discrete systems and hybrid systems
- Optimal control and dynamic programming
- Analysis of stability of hybrid systems
- Reset control systems
- Systems subject to switching operators
- Design of hybrid controllers
- Linear or nonlinear control systems
- Overcoming the limitations of classical feedbacks using nonlinear or hybrid laws
- Practical and implementation aspects in nonlinear and hybrid contexts
- Numerical simulations of hybrid systems
- Analytical tools for hybrid optimal control
- Real-time system
- Dynamical system
- Control theory
- Embedded software
- Hierarchical control
- Computer-controlled system
- Discrete-event systems
- Hybrid automata
- Discontinuous control
- Switched system