



CALL FOR PAPERS

ICRCDS 2020
Sep 21-22, 2020
Toronto, Canada

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.

ICRCDS 2020 : International Conference on Resilient Control of Dynamical Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Resilient Control of Dynamical Systems. 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:

Resilient control systems
Resilient control system design and modeling
Applications of resilient control systems
Resilient control systems, current and common problems
Human machine interaction
Cognitive modeling, machine learning, and digital human modeling
Human systems design
Environmental configuration and tailored presentation
Control theory: intelligent, reconfigurable, optimal
Control framework: supervisory, multi-agent, distributed intelligence
Sensor architectures
Embedded modeling and analysis
Intelligence and agents

Wireless control and determinism
Multi-parameter integration and diversity
Monitoring/control security: decoys, randomization, diversity, training and cognition, decision making, measurement
Cyber architecture: health indicators, defense optimization
Data fusion
Data reduction, security characterization, and data diversity
Anomaly detection, and response prioritization
Computational intelligence
Machine learning, neural networks, and fuzzy logic
Evolutionary computation, and bayesian belief networks
Cyber-physical power and energy systems
Real-time communication, protection, control, resilience, reliability, sustainability, and efficiency
Robotic systems

