



CALL FOR PAPERS

ICHPRCST 2021
Jun 07-08, 2021
San Francisco, USA

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.

ICHPRCST 2021 : International Conference on High-Performance Reconfiguration Computing Systems and Technologies is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of High-Performance Reconfiguration Computing Systems and Technologies. 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:

High-performance reconfigurable computing
Elements of high-performance reconfigurable computing
Reconfigurable computing and computer systems
Reconfigurable computing hardware and software
Monte Carlo methods on reconfigurable computers
Cellular automata simulations on reconfigurable computers
Automatic macromolecular docking on reconfigurable computers
Models, methods, tools, and architectures for high-performance reconfigurable computing
Compilation, simulation, debugging, synthesis, verification, and test of high-performance
High-performance reconfigurable computing systems
Field programmable gate arrays and other high-performance reconfigurable technologies
Evolvable hardware and dynamic reconfiguration

Algorithms implemented on reconfigurable hardware
Reconfigurable computing education
Reconfigurable computing applications
High-performance reconfigurable computing for networks and communications
High-performance reconfigurable computing with GPUs and APUs
Multiprocessor systems and networks on chip
Productivity environments and high level languages
High-performance reconfigurable computing for signal processing
High-performance reconfigurable computing for security and cryptography
High-performance reconfigurable techniques
High-performance reconfigurable computing in space

