



# CALL FOR PAPERS

**ICHSI 2022**  
**Aug 16-17, 2022**  
**Tokyo, Japan**

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.

ICHSI 2022 : International Conference on Hardware-Software Integration is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Hardware-Software Integration. 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:

- Computer engineering
- Electrical engineering and computer science
- Computer hardware and software
- Hardware platforms
- Software applications
- Software design
- Writing software and firmware
- Hardware-software integration
- Hardware and software aspects
- Types of hardware
- Design hardware, software, firmware and manage all forms of computer systems
- Computer networks
- Coding, cryptography, and information protection

- Communications and wireless networks
- Compilers and operating systems
- Computer systems: architecture, parallel processing, and dependability
- Computer vision and robotics
- Embedded systems
- Integrated circuits, vlsi design, testing and cad
- Signal, image and speech processing
- Experimental computer architectures
- Computationally-intensive applications
- Physics, materials science, and engineering systems
- Implementation for electrical, biomedical, and defense-related fields
- Energy-efficient computing
- Computer architecture and design