



# CALL FOR PAPERS

**ICATE 2023**  
**Apr 12-13, 2023**  
**Venice, Italy**

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.

ICATE 2023 : International Conference on Advanced Transistor Electronics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Transistor Electronics. 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:

Transistor electronics  
Developments in transistor electronics  
The importance of transistors in electronics  
Modern and advanced transistors  
Bipolar junction transistors  
Transistor design and manufacturing  
Two-dimensional materials and their prospects in transistor electronics  
Transistor-level design

Circuit-level modeling and optimization  
Transistor-level circuit analysis  
Transistor level implementation  
Transistor-level verification  
Transistors and logic gates  
Simulation of logic gates and subsystems  
Transistor-level evolution of digital circuits