



CALL FOR PAPERS

ICACAA 2021
Feb 15-16, 2021
Istanbul, Turkey

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.

ICACAA 2021 : International Conference on Advances in Computer Algebra and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advances in Computer Algebra 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:

Computer algebra
Modern computer algebra
Algorithmic and computational aspects of computer algebra
The improvement and optimization of the existing algorithms and methods
Deep computer analysis of algebraic models
Markov process modeling
Quantum algorithms modeling
Investigation of difference schemes of an arbitrary order
Analysis of text data of huge volume
Computer algebra in the problems of mathematical physics
The theory of differential equations and the theory of special functions

Modern mathematical physics
The problems of dynamic systems theory
Celestial mechanics and boundary values problems
Computer algebra in education
Computer algebra achievements in education
Applications of computer algebra
Computer algebra applications to mathematics, physics, chemistry, engineering, biology, computer science, social sciences, arts, entertainment, architecture, etc.
Symbolic-numerical computations using computer algebra systems
Computer algebra systems and internet
Industrial applications of computer algebra
Problem-solving environments