



CALL FOR PAPERS

ICIVP 2020
Jun 05-06, 2020
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.

ICIVP 2020 : International Conference on Initial Value Problems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Initial Value Problems. 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:

Initial value problem
Initial-value problems for ordinary differential equations
Numerical methods for ordinary differential systems
Variational principles for linear initial-value problems
Initial value problem for the fractional diffusion-wave equation
The elementary theory of initial-value problems
Multistep methods
Variable step-size multistep methods
Extrapolation methods

Higher-order equations and systems of differential equations
Stability
Stiff differential equations
Survey of methods and software
Euler's Method
Higher-Order Taylor Methods
Runge-Kutta Methods
Error Control and the Runge-Kutta-Fehlberg Method