



CALL FOR PAPERS

ICPDEFDM 2020
Apr 24-25, 2020
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.

ICPDEFDM 2020 : International Conference on Partial Differential Equations and Finite Difference Method is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Partial Differential Equations and Finite Difference Method. 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:

Partial differential equations
Numerical solutions to partial differential equations
Elliptic partial differential equations
Parabolic partial differential equations
Hyperbolic partial differential equations
Partial differential equations and fourier series
Two-point boundary value problems
Fourier series
The Fourier convergence theorem
Even and odd functions
Separation of variables
Other heat conduction problems
The wave equation: vibrations of an elastic string

Laplace's equation
Analytical solutions
Separation of variables
Method of characteristics
Integral transform
Change of variables
Fundamental solution
Superposition principle
Methods for non-linear equations
Lie group method
Semianalytical methods
Numerical solutions
Finite element method