



CALL FOR PAPERS

ICAAAP 2021
Jan 28-29, 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.

ICAAAP 2021 : International Conference on Advanced Astrophysics and Astrophysical Plasmas is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Astrophysics and Astrophysical Plasmas. 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:

Anomalous Transport (Turbulence, Coherent Structures, Microinstabilities)
Astrophysical and geophysical plasmas
Astrophysics and cosmology
Atmospheric pressure plasmas
Basic Plasmas, Space and Astrophysical Plasmas
Beam Plasmas and Inertial Fusion
Burning plasma physics
Collisionless and stochastic heating in low-temperature plasmas
Complex Plasmas
Diagnostics and modelling of plasma discharges
Dusty & Low Temperature Plasmas
Dusty plasmas
Free electron lasers and masers

Fusion engineering
Fusion plasma diagnostics
Fusion Plasmas
High Energy Density Plasmas
Inertial confinement, laser plasmas, short pulse phenomena
Laser-Plasma Interaction
Low temperature plasmas
Macroinstabilities and Magnetic Reconnections
Magnetic confinement
Magnetic Confinement Fusion
Non Axisymmetric Configurations
Plasma and magnetic confinement theory and modelling
Plasma application, processing, radiation generation, dusty plasmas