



CALL FOR PAPERS

ICAG 2021
Dec 09-10, 2021
New York, 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.

ICAG 2021 : International Conference on Advances in Geomathematics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advances in Geomathematics. 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:

Geomathematics

Mathematical treatment of geoscientifically relevant problems

Analytic, algebraic, and operator-theoretic methods

Modelling of the system earth

Geomathematics: its role, its aim, and its potential

History of geomathematics

Earth observation satellite missions and data access

Gravitational gradiometry in a satellite

Geomagnetic field

Classical physical geodesy

Spacetime modeling

Gravity field and global deformation of the earth

Satellite gravity gradiometry

Gravitational viscoelastodynamics

Multiresolution analysis of hydrology and satellite gravitational data

Unstructured meshes in large-scale ocean modeling

Multiphysics and multiscale approaches

Numerical dynamo simulations

Geomagnetic field modeling

Multiscale modeling of the geomagnetic field

Global electromagnetic induction

Asymptotic models for atmospheric flows

Numerical weather prediction