



CALL FOR PAPERS

ICGGREE 2022
Apr 29-30, 2022
Jerusalem, Israel

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.

ICGGREE 2022 : International Conference on Geophysics and Geomechanics for Resource and Energy Exploration is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Geophysics and Geomechanics for Resource and Energy Exploration. 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:

Geomechanics and geophysics for
geoenergy and georesources
Contact mechanics and frictional
characteristics of geomaterials
Experimental micromechanics and new
measurement techniques for soils
and rocks
Grain breakage and statistical
methods of analysis
Discrete element method DEM and
coupled DEM-FEM studies related to
geoenergy and georesources
Constitutive modelling and
analytical methods related to
contact mechanics, grain damage,
impact mechanics

Fracture mechanics
Advances in image and microscopy
analysis from nano to micro scale
for geomaterials
Structure/fabric evolution of
soils/rocks and applications to
geoenergy and georesources
Micromechanics contributions,
experimentation and numerical
simulations of cemented soils
Micromechanics contributions
related to sandstone reservoirs,
gas hydrate and geothermal fields
Micromechanics contributions
related to mining and petroleum
engineering and oil/gas
technologies