



CALL FOR PAPERS

ICFTPM 2020
Jan 23-24, 2020
Paris, France

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.

ICFTPM 2020 : International Conference on Flow and Transport in Porous Media is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Flow and Transport in Porous Media. 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:

Development of physical models to describe different complex phenomena in porous media
Development of models that describe chemical, microbial, and physical aspects of subsurface fluids throughout the Earth's crust
Multiphysics and multiscale issues in reactive flow in rock media
Fluid flow, heat transfer, and chemical processes associated with geothermal reservoirs
Development of multiphase flow and multicomponent transport models at pore scales of porous media
Cross-scale analysis and derivation of linear and nonlinear Darcy's scale laws from pore scale governing equations
Multiscale algorithms that effectively couple simulations among various scales of porous media
Characterization of pore space connectivity
Characterization of the morphology of porous media

Characterization of field-scale porous media
Characterization of fractures, fracture networks, and fractured porous media
Models of porous media
Models of fractures and fractured porous media
Single-phase flow and transport in porous media
Single-phase flow and transport in porous media
Dispersion in flow through porous media
Single-phase flow and transport in fractures and fractured porous media
Immiscible displacements and multiphase flows

