



CALL FOR PAPERS

ICCNSNS 2022
Oct 21-22, 2022
London, United Kingdom

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.

ICCNSNS 2022 : International Conference on Computational Nuclear Science and Nuclear Security is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Computational Nuclear Science and Nuclear Security. 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:

Computational nuclear science
Computational techniques for
nuclear engineering
Numerical methods
Monte Carlo methods
Reactor core methods
Criticality safety methods
Deterministic solution methods
Hybrid methods
Computational neutral particle
transport
Computational methods of neutron
transport
Second-order neutron transport
methods

Nuclear reactors
Nuclear reactor analysis
Radiation shielding
Nuclear security
Nuclear reactor kinetics
Parallel multiphysics algorithms
and software
Computational intelligence in
nuclear engineering
Computational fluid dynamics for
nuclear applications
Resonance theory in reactor
applications
Sensitivity and uncertainty
analysis of models and data