



# CALL FOR PAPERS

**ICNCSCNPT 2022**  
**Jun 21-22, 2022**  
**Vienna, Austria**

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.

ICNCSCNPT 2022 : International Conference on Nuclear Computational Science and Computational Neutral Particle Transport is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Nuclear Computational Science and Computational Neutral Particle Transport. 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:

Nuclear computational 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