



# CALL FOR PAPERS

**ICNNP 2021**  
**Sep 23-24, 2021**  
**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.

ICNNP 2021 : International Conference on Neutrons and Neutron Physics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Neutrons and Neutron Physics. 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:

Neutron physics  
Neutron sources  
Neutron detectors  
Measurement of cross sections  
Neutron fields  
Applications of elementary diffusion theory  
The spatial distribution of moderated neutrons  
Time dependence of the slowing-down and diffusion processes  
Thermalization of neutrons  
Measurement of the thermal neutron flux with probes  
Activation by epithermal neutrons  
Threshold detectors for fast neutrons

Standardization of neutron measurements  
Investigation of the energy distribution of slow neutrons  
Slowing-down parameters  
Investigation of the diffusion of thermal neutrons by stationary methods  
Investigation of the diffusion, absorption, and thermalization of neutrons by non-stationary methods  
Neutron scattering lengths and fundamental neutron interactions  
Very low energy neutrons  
Physics/technology of cold and ultracold neutrons  
Electroweak standard model tests  
Nuclear physics/QCD  
Physics beyond the standard model