



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