



CALL FOR PAPERS

ICNMNF 2021
Aug 30-31, 2021
Moscow, Russia

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.

ICNMNF 2021 : International Conference on Nuclear Materials and Nuclear Fuels is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Nuclear Materials and Nuclear Fuels. 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:

Advanced Code Development and Validation / Verification / Applications
Applications of Computational Methods to Nuclear Systems
Boiling and Condensation Phenomena
CHF and Post-CHF Heat Transfer
Computational Fluid Dynamics and Heat Transfer
Computational Methods, Modelling, Verification / Validation
Experimental Methods and Instrumentation
Fluid-structure interactions
Fluid-Structures and Materials Interactions
Fusion Reactor Thermal Hydraulics and Safety
Gas Cooled Reactor Thermal Hydraulics and Safety
Generation IV and Future Innovative Nuclear Reactors Thermalhydraulics
Heat Exchanger Design and Turbo-machinery

Innovative nuclear systems and fuel cycles
Instrumentation and Measurement Techniques
Liquid Metal Reactor Thermal Hydraulics and Safety
Materials Modelling and Simulation of Nuclear Fuels
Micro-Channel Flow and Heat Transfer Phenomena
Molten Salts for Nuclear Applications
Nano-Fluid Science and Technology Applications to Nuclear Systems
Neutronics/Thermalhydraulics Coupling
Next Generation Reactor Thermalhydraulics
Nuclear education and nuclear knowledge governance
Nuclear Materials and Nuclear Security
Nuclear medicine
Nuclear Thermal Hydraulics and Safety