



CALL FOR PAPERS

ICCMADS 2021
Mar 29-30, 2021
Sydney, Australia

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.

ICCMADS 2021 : International Conference on Computational Models of Accelerator-Driven Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Computational Models of Accelerator-Driven Systems. 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:

Analyses of subcritical research assemblies
The analytical solution of the P1 neutron transport equation without the space-time separation
The comparison between numerical and experimental results
The investigation of the kinetic and local neutron parameters
The neutron detector dead time
The two-group theory of the Feynman-alpha method

Fuel cycles for actinides incineration and ^{233}U production from thorium
New computational software to analyze the in-core and out-of-core fuel cycles
The activation of structural materials, and the accumulation of spallation products
Safety studies and the design of the SCRAM system
Studies on nuclear level density parameters of target isotopes, energy correlation of spallation neutrons, and fragments production