



CALL FOR PAPERS

ICNAAT 2021
Jul 12-13, 2021
Ottawa, Canada

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.

ICNAAT 2021 : International Conference on Neutron Activation Analysis Techniques is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Neutron Activation Analysis Techniques. 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 activation analysis
Concepts, instrumentation and techniques
Variations
Neutron sources
Reactors
Fusors
Isotope sources
Gas discharge tubes
Detectors
Analytical capabilities
Applications
Single-comparator methods in reactor neutron activation analysis
Reactor neutron spectrum representation

Activation cross section behavior
Reaction rate
Complex activation and decay
Production of radio-isotopes
Detection of radio-isotopes
Statistics
Efficiency calibration
Experimental set-up
Full peak efficiency
Total efficiency
Neutron flux absorption in gold foils
Experimental set-up
Theoretical background