



CALL FOR PAPERS

ICNAATNS 2021
Jul 19-20, 2021
Copenhagen, Denmark

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.

ICNAATNS 2021 : International Conference on Neutron Activation Analysis Techniques and Neutron Sources is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Neutron Activation Analysis Techniques and Neutron Sources. 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
techniques

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