

Neutron techniques in Archaeometry

Friday, 13 November 2020 13:30 (30 minutes)

The application of science and technology to the characterization and the conservation of heritage materials has significantly increased over the last decades. Due to the manifold nature and the value of artefact of cultural heritage significance, studies in archaeometry require a transdisciplinary approach as well as the use of non-invasive multiple analytical techniques.

Today ANSTO's large suite of capabilities and expertise is available for cultural heritage research. In order to promote access by cultural institution and researchers to the unique range of nuclear methods available across ANSTO's campuses, a strategic scientific research project on Cultural Heritage was initiated in 2015.

This paper will showcase how neutron methods have been successfully applied in a series of forensic investigations conducted in close collaboration with Australian and international museums, institutions and universities.

Level of Expertise

Experienced Research

Speakers Gender

Female

Do you wish to take part in the poster slam

No

Primary author: SALVEMINI, Filomena (ANSTO)

Presenter: SALVEMINI, Filomena (ANSTO)

Session Classification: Cultural Heritage

Track Classification: Cultural Heritage