

IAEA Workshop on Innovative Approaches of Accelerator Science and Technology for Sustainable Heritage Management

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The Cultural Heritage Project at ANSTO

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A strategic scientific research project on Cultural Heritage has been formally endorsed at the Australian Nuclear Science and Technology Organisation (ANSTO) since 2015. The project aims to promote the access to the suite of nuclear methods available across the organisation, and the use of a non-invasive analytical approach in the field of cultural-heritage, archaeology, and conservation science. The latest scientific analytical tools, which are available under the operation of ANSTO, including neutron-, synchrotron- and accelerator-based techniques, have been increasingly demanded for a wide range of applications to heritage materials.

In this paper, the most relevant case studies conducted at ANSTO and undertaken in collaboration with Australian research institutions, universities, and international stakeholders will be showcased.

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Session Classification: Access to research infrastructure, and international as well as regional collaborations and networks