



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

## Monday, 13 June 2022

**Interpretation, presentation and dissemination of the scientific results. Case studies and success stories: Session 2 - Board Room C (14:00 - 17:20)**

time	[id] title	presenter
14:00	[94] Success stories on the characterization of Cultural Heritage in Latin America: dating of the Mayan Codex of Mexico and determination of arsenic in Chilean mummies	Ms FUERTES, Cecilia
14:20	[39] A non-invasive protocol based on Ion Beam Analysis for the study of lapis lazuli provenance in antiquity	Ms MAGALINI, Marta
14:40	[41] Unravelling the past of glazed beads using accelerator-based techniques	Dr CORREGIDOR, Victoria
15:00	[48] Neutron tomography and gamma spectroscopy applied to bronze sculptures: a non-destructive and safe analysis	LI, Yueer
15:20	Break	
15:50	[45] Neutron imaging - an alternative tool for the study of cultural heritage objects	MANNES, David Dr LEHMANN, Eberhard
16:10	[18] Thin layers characterization with negative muons: a case study of gilded bronzes	CATALDO, Matteo
16:30	[34] Comparison of ATR-FTIR and O-PTIR techniques for characterization of a degraded oil paint cross-section	BANAS, Agnieszka
16:50	[78] Synchrotron-based techniques to study calcite crystals covering ornated cave walls	BASSEL, Lena