

Investigation of the cultural heritage by neutron tomography at INR, RO

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The neutron and gamma imaging facility placed at the tangential channel of the TRIGA-ACPR from INR was used to investigate Dacian treasure pieces of silver and ancient statues of clay from the Arges County Museum of History. This collaboration is done within a research contract with IAEA with title "The neutron and gamma imaging method combined with neutron-based analytical methods for cultural heritage research" that helps curators to reveal the internal structure and composition of the objects. This is a good beginning for the dissemination of the investigation methods based on neutrons for cultural heritage and beyond this area. It is presented the work done with imaging methods for revealing the morphology of the objects.

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