

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

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3D Printing and Photogrammetry in The Restauration and Conservation for an Historical Artefact

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Industry 4.0 is a new phase that includes new technologies aiming to solve problems and bring effective solutions to complicated problems in short time. Using tools of this industry like photogrammetry technique and 3D printing as methods for detailed fabrication, it was possible to create a prothesis that helped to the restauration of an artefact found by the National Musseum of Costa Rica. Through an interation of modeling, designing and fabrication a final model for the conservation of an historic piece was created. The process was considered as a success and it was exhibited in a national event by the National Musseum of Costa Rica.

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