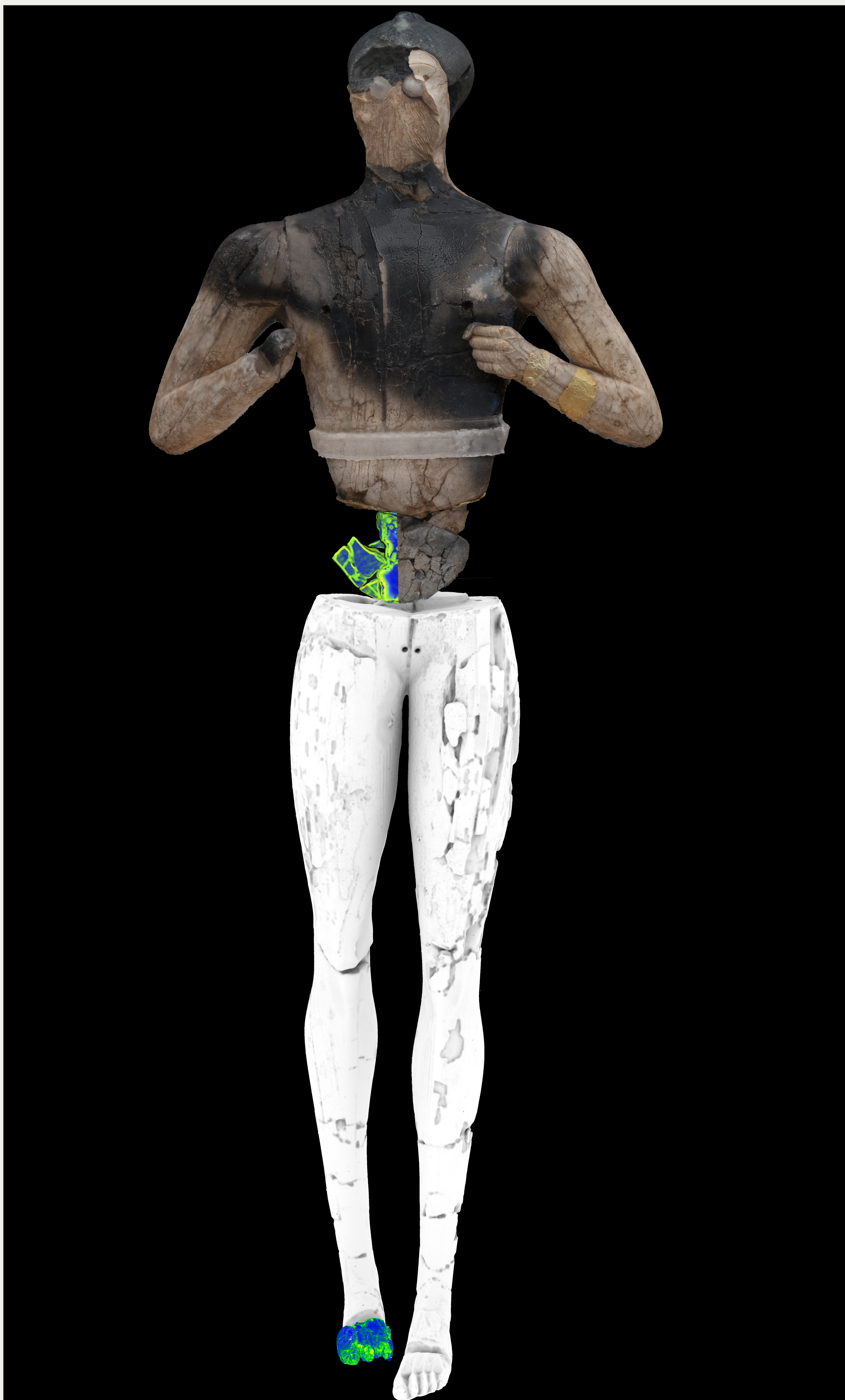


3D DIGITAL ANALYSIS OF THE KOUROS OF PALAIKASTRO

VIRTUAL REFITTING OF FRAGMENTED ARCHAEOLOGICAL ARTEFACTS



The Kouros of Palaikastro is a unique chryselephantine (gold and ivory) statuette of extraordinary craftsmanship now exhibited at the Archaeological Museum of Siteia in Crete. The 54 cm high statue of a young man was discovered at the Minoan settlement of Palaikastro (Crete), its fragmentation likely due to an iconoclastic action, and dates back to the Late Bronze Age.

APAC Lab researchers digitally documented the restored statuette and additional fragments which had not yet been added to the reconstruction by archaeologists. The aim was to achieve complete 3D models of each component to virtually re-compose the original appearance of the Kouros. The 3D acquisition enabled an evaluation of the restoration process, the identification of edges and new scientific results. This work contributes to a better understanding of the details of the iconoclastic act of fragmentation and techniques and technologies related to the object's manufacture.

