

# Applications of Imaging Techniques in Cultural Heritage: Examples and survey on recent developments

*Monday, 9 September 2013 18:00 (3 hours)*

In this work we provide a broad survey of developments in radiation transmission imaging techniques for archaeological and cultural heritage studies purpose.

In the domains of archaeology and cultural heritage, the imaging practitioner interprets the produced images to conclude about origin, chronology and making of technique of an ancient art object. In addition to this survey, we present some examples of applications developed around 35 kV & 1 mA X-ray Tomograph and  $1.6 \times 10^6$  n/cm<sup>2</sup>/s neutron imaging facility. Applications examples concern fossils, bones, stones and biological objects.

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