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Accession number:20112914149149

Title:Terahertz tomographic imaging of XVIIIth dynasty Egyptian sealed pottery

Authors:Caumes, Jean-Pascal (2); Younus, Ayesha (1); Salort, Simon (2); Chassagne, Bruno (2); Benoît Recur (3); Anne Ziégélé (5); Dautant, Alain (4); Abraham, Emmanuel (1)

Author affiliation:(1) 1Laboratoire Ondes et Matière d'Aquitaine, Université de Bordeaux, CNRS UMR 5798,351 Cours de la Libération, 33405 Talence, France; (2) ALPhANOV, Centre Technologique Optique et Lasers, 351 Cours de la Libération, 33405 Talence, France; (3) LaBRI, Université de Bordeaux, CNRS UMR 5800, 351 Cours de la Libération, 33405 Talence, France; (4) 4Institut de Biochimie et Génétique Cellulaires, Université de Bordeaux, CNRS UMR 5095, 351 Cours de la Libération, 33405 Talence, France; (5) Museum of Aquitaine, 20 Cours Pasteur, 33000 Bordeaux, France

Corresponding author:Abraham, E.(pnaulleau@lbl.gov)

Source title:Applied Optics

Abbreviated source title:Appl. Opt.

Volume:50

Issue:20

Issue date:July 10, 2011

Publication year:2011

Pages:3604-3608

Language:English

ISSN:00036935

E-ISSN:15394522

CODEN:APOPAI

Document type:Journal article (JA)

Publisher:Optical Society of America, 2010 Massachusetts Avenue NW, Washington, DC 20036-1023, United States

Abstract:A monochromatic millimeter-wave imaging system coupled with an infrared temperature sensor has been used to investigate historic objects preserved at the Museum of Aquitaine (France). In particular, two-dimensional and three-dimensional analyses have been performed in order to reveal the internal structure of nearly 3500-year-old sealed Egyptian jars. © 2011 Optical Society of America.