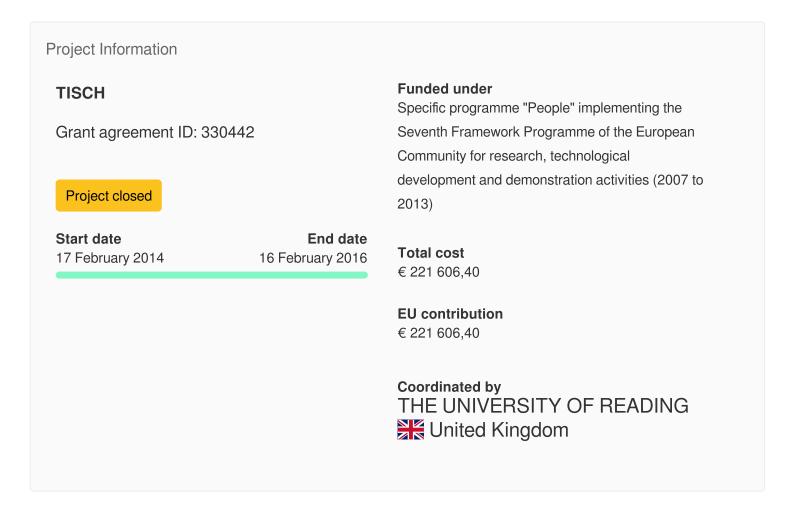


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Terahertz Imaging and Spectroscopy for **Cultural Heritage**

Fact Sheet



Objective

The purpose of this proposed project is to establish terahertz technology as a viable, nondestructive, and noninvasive tool for the study of cultural heritage; which will contribute to the conservation and sustainability of artifacts. Terahertz spectroscopic imaging is a nascent technique—established only in the last 20 years, and developed only in the last five years for cultural heritage applications. As a result, its utility to conservation has not been extensively demonstrated, despite its exhaustive potential. Through this project, decisions can be made related to which terahertz tools provide

complementary information to well-established measurement techniques and what information cannot be extracted using any other technique, while preserving the condition of the artifact of interest.

Fields of science (EuroSciVoc) 6

natural sciences > physical sciences > optics > spectroscopy



Programme(s)

<u>FP7-PEOPLE - Specific programme "People" implementing the Seventh Framework Programme of the European Community for research, technological development and demonstration activities (2007 to 2013)</u>

Topic(s)

FP7-PEOPLE-2012-IEF - Marie-Curie Action: "Intra-European fellowships for career development"

Call for proposal

FP7-PEOPLE-2012-IEF
See other projects for this call

Funding Scheme

MC-IEF - Intra-European Fellowships (IEF)

Coordinator



THE UNIVERSITY OF READING

EU contribution

€ 221 606,40

Total cost

No data

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Region

South East (England) > Berkshire, Buckinghamshire and Oxfordshire > Berkshire

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation Website Website Participation in EU R&I programmes [2] HORIZON collaboration network

Last update: 15 August 2016

Permalink: https://cordis.europa.eu/project/id/330442

European Union, 2025