



iPHOTO CULT

Intelligent Advanced Photonics Tools

WORKSHOP

2026, September 29th

2.00-5.00 p.m

Aula Magna

Centro Conservazione Restauro La Venaria Reale,
Via XX Settembre 18, Venaria Reale (To), Italy



The **EU iPhotoCult project** aims to contribute to the **sustainable management** of Europe's Cultural Heritage by offering: (a) advanced safe and non-invasive photonics tools and technologies, (b) intelligent data processing, visualization and prediction software services platform, capable of proximal and/or remote monitoring and diagnosis, so as to ensure efficient adaptation of sustainable management plans and establish effective conservation strategies.

This workshop will showcase the innovative technologies, analytical methodologies, and digital platform developed within the European iPhotoCult project for the **non-invasive inspection, diagnosis, documentation, and monitoring of cultural heritage**.

Participants will be introduced to advanced photonic tools, integrated analytical workflows, and intelligent data processing solutions designed to support more effective, reliable, and **sustainable conservation practices**.

The event is intended for heritage professionals, researchers, conservators, public authorities, and students interested in the latest technological advances for cultural heritage assessment and monitoring.

PROJECT PARTNERS



Funded by
the European Union
Project N° 101132448

For more info
www.iphotocult.eu



WORKSHOP PROGRAMME

PhotoCult: a project on Remotely controlled photonic diagnostics and monitoring of cultural heritage

2026, September 29th

Main Hall, CCR La Venaria Reale

14:00 Welcome and Opening Remarks

Paola Croveri, Federica Pozzi

CCR, Centro Conservazione Restauro La Venaria Reale, Venaria Reale (IT)

14:10 The iPhotoCult Project: development of advanced photonics tools for on-site and/or remote monitoring of cultural heritage monuments and artefacts

Anastasia Giakoumaki

IESL-FORTH, Foundation for Research and Technology-Hellas, Crete (GR)

14:40 From User Requirements to Real-World Validation: The iPhotoCult Assessment Strategy

Vasilike Argyropoulos, Maria Giannoulaki

University of West Attica, Athens (GR)

15:00 IphotoCult UAV tool: from modular Aerial platform to Heritage-specific multimodal acquisition

Roxana Radvan, Monica Dinu

INOE 2000, National Institute of Research and Development for Optoelectronics, Bucharest, (RO)

15:20 UGV-Based Diagnosis and Monitoring for Structural Inspection of Historic Timber Roofs

Pedro Martín-Lerones, María Esteban

Fundación CARTIF, Valladolid (SP)

15:40 UV-SWIR Hybrid Tool for in situ Remotely Controlled Compositional Analysis

Salvatore Siano, Lorenzo Marzini, Juri Agresti

CNR-IFAC Institute of Applied Physics "Nello Carrara", Florence (IT)

16:00 Artificial intelligence in diagnostics and conservation of cultural heritage: data management and visualisation

Ioannis Vezakis, Tecreando, Amsterdam (NL)

Shaila Amorini, Eagleprojects, Perugia (IT)

HOW TO APPLY

- **In person participation (advisable)**

Free admission upon registration subject to seat availability.

To make a reservation in person, **click here** or **write to**: valentina.scaglia@ccrvenaria.it

- **On line participation**

On line participation is available for those unable to attend in person, upon registration.

To make on line reservation **click here**.