

INNOVATIVE AND SUSTAINABLE METHODS AND TECHNOLOGIES

FOR UNDERSTANDING, PRESERVING
AND ENHANCING CULTURAL
HERITAGE ACROSS THE
WIDER MEDITERRANEAN

METODOLOGIE E TECNOLOGIE INNOVATIVE E
SOSTENIBILI PER LA CONOSCENZA,
LA CONSERVAZIONE E LA VALORIZZAZIONE DEL
PATRIMONIO CULTURALE NEL MEDITERRANEO
ALLARGATO

MÉTHODOLOGIES ET TECHNOLOGIES INNOVANTES
ET DURABLES POUR LA CONNAISSANCE,
LA CONSERVATION ET LA VALORISATION
DU PATRIMOINE CULTUREL DANS LA
MÉDITERRANÉE ÉLARGIE

OCTOBER
2026
13

**INTERNATIONAL
COOPERATION
THROUGH
RESTORATION**

LA COOPERAZIONE
INTERNAZIONALE ATTRAVERSO
IL RESTAURO

LA COOPÉRATION INTERNATIONALE
PAR LA RESTAURATION

OCTOBER
2026
14

**THE CHEDAR
PROJECT**

IL PROGETTO CHEDAR

LE PROJET CHEDAR

INTERNATIONAL
MEETING
**13 - 14
OCTOBER
2026
MATERA**

**SCUOLA DI ALTA
FORMAZIONE
E STUDIO
DELL'ISTITUTO
CENTRALE PER IL
RESTAURO**

VIA LUIGI LA VISTA 5

13

OCTOBER
2026**INTERNATIONAL COOPERATION THROUGH RESTORATION**
ICR ACTIVITIES FOR THE CONSERVATION AND PROTECTION OF CULTURAL HERITAGE IN MEDITERRANEAN COUNTRIES**LA COOPERAZIONE INTERNAZIONALE ATTRAVERSO IL RESTAURO**

LE ATTIVITÀ DELL'ICR PER LA CONSERVAZIONE E LA TUTELA DEL PATRIMONIO CULTURALE DEI PAESI DEL MEDITERRANEO

LA COOPÉRATION INTERNATIONALE PAR LA RESTAURATION

LES ACTIVITÉS DE L'ICR POUR LA CONSERVATION ET LA PROTECTION DU PATRIMOINE CULTUREL DES PAYS MÉDITERRANÉENS

SESSION OVERVIEW

The Istituto Centrale per il Restauro (ICR), a centre of excellence of Italian Ministry of Culture in advanced training, research and conservation on Cultural Heritage, has long coordinated wide-ranging international cooperation programmes aimed at strengthening technical and scientific capacity in conservation and restoration.

These initiatives are conducted in the broader frame of Italy's cultural diplomacy and contribute to intercultural dialogue, regional stability and sustainable enhancement of Heritage in Mediterranean countries, with particular reference to Morocco, Algeria, Tunisia and Libya.

Against the backdrop of Matera's designation as Mediterranean Capital of Culture and Dialogue 2026, the Meeting is conceived as a multilateral platform for strategic exchange among institutions, training centres, heritage authorities and international organisations partnering in ICR projects.

PROGRAMME

CHAIR: ELEONORA GIOVENTÙ

- 09:00 **Institutional greetings**
- 09:30 **Objectifs stratégiques de la conférence et rôle de l'ICR dans la coopération en Méditerranée**
Luigi Oliva · Directeur de l'Istituto Centrale per il Restauro (ICR)
- 09:40 **Le patrimoine culturel comme levier pour la coopération au développement**
Gessica Ferrero · Représentant AICS au Maroc, *Claudia Oriolo* · Coordinateur AICS en Libye - Agenzia Italiana per la Cooperazione allo Sviluppo - Siège de Tunis
- 10:20 **Projet de préservation et de valorisation du patrimoine archéologique du Maroc: l'activité de l'ICR sur le site de Volubilis**
Giorgio Sobrà · Istituto Centrale per il Restauro (ICR)
- 10:30 **La nouvelle loi 33-22: refonder la gouvernance du patrimoine marocain. Enjeux, apports et nouvelles perspectives**
Mustapha Jlok · Directeur General du Patrimoine Culturelle - Ministère de la Jeunesse, de la Culture et de la Communication (DGPC), Maroc
- 10:50 **Coffee break**

CHAIR: GIORGIO SOBRÀ

- 11:20 **The Libyan Institute for Cultural Heritage Conservation Project (LICHeC)**
Barbara Davidde · Istituto Centrale per il Restauro (ICR)
- 11:30 **An overview of Libyan Cultural Heritage and the threats it faces**
Mohamed Ali Fakroon · on behalf of the Chairman of the Board of Directors of the Department of Antiquities of Libya (DoA), *Mohieddin Abu Jaafar* · Director of the International Cooperation Office, Department of Antiquities of Libya (DoA)
- 11:50 **La coopération de l'ICR avec l'École Nationale Supérieure de Conservation et de Restauration des Biens Culturels en Algérie**
Eleonora Gioventù · Istituto Centrale per il Restauro (ICR)
- 12:00 **Présentation de l'École Nationale Supérieure de Conservation et de Restauration des Biens Culturels et ses activités**
Samira Haoui Bensaada · Conseillère en patrimoine culturel, Ministère de la Culture et des Arts, Algérie; *Mohamed Cherif Hamza* · Directeur de l'École Nationale Supérieure de Conservation et de Restauration des Biens Culturels – ENSCRBC, Algérie
- 12:20 **Les activités de l'ICR avec l'INP en Tunisie**
Eleonora Gasparini · Istituto Centrale per il Restauro (ICR)
- 12:30 **Vers une résilience patrimoniale: coopération internationale et stratégies durables pour l'archéologie tunisienne**
Tarek Baccouche · Directeur General de l'Institut National du Patrimoine (INP)
- 12:50 **Numérisation des données et promotion des connaissances partagées. Le Géoportail National de l'Archéologie dans le cadre du Projet « Pôle Patrimoine Tunisie »**
Mirella Serlorenzi · Directeur de l'Istituto Centrale per l'Archeologia (ICA), *Valeria Boi* · Istituto Centrale per l'Archeologia (ICA)
- 13:10 **Lunch**
- 14:30 **De la pelle au patrimoine: l'ICCROM et l'évolution des pratiques archéologiques**
Sophie Makariou · Ministère de la Culture (France) - Détachement auprès de l'ICCROM
- 14:50 **La recherche de l'Université de la Basilicate au Maroc dans le cadre de la coopération académique et scientifique italo-marocaine**
Francesco Martorella · Università della Basilicata (UNIBAS)
- 15:10 **Round table**
- 16:10 **Coffee break**
- 16:40 **Technical visit**
Visit to the laboratories of the Scuola di Alta Formazione e studio dell'ICR

14

OCTOBER
2026**THE CHEDAR PROJECT**

MULTISCALE REMOTE SENSING AND DIGITAL TWINS FOR BUILT HERITAGE MONITORING AND CONSERVATION

IL PROGETTO CHEDAR

TELERILEVAMENTO MULTISCALE E GEMELLI DIGITALI PER IL MONITORAGGIO E LA CONSERVAZIONE DEL PATRIMONIO COSTRUITO

LE PROJET CHEDAR

TÉLÉDÉTECTION MULTI-ÉCHELLE ET Jumeaux Numériques pour la Surveillance et la Conservation du Patrimoine Bâti

SESSION OVERVIEW

Recent advances in remote sensing technologies are transforming the ways in which Heritage buildings and infrastructure are observed, characterised and monitored across multiple spatial scales.

At urban and building scales, satellite, airborne, terrestrial and UAV-based sensors provide detailed information on geometry, structural behaviour, energy performance and interactions with the surrounding environment. At close range, emerging sensing approaches extend these investigations to the microscale, enabling material properties, surface degradation patterns and localised structural defects to be assessed with unprecedented detail.

This session explores methodologies, technologies and applications that connect macro-and building-scale remote sensing with close-range and microscale investigations. Particular emphasis is placed on data fusion, artificial intelligence (AI) and digital-twin frameworks for smart monitoring, condition assessment, energy-performance analysis, risk assessment and the preventive conservation of built heritage, including buildings and infrastructure.

PROGRAMME

CHAIR: LUIGI OLIVA

- 09:30 **Opening Remarks**
Introduction to the CHEDAR project - Objectives of the scientific day
Grazia Tucci · CHEDAR Director, *Paolo Glisenti* · CHEDAR Strategic Advisor
- 09:50 **Multiscale Earth Observation for Heritage: From Regional Monitoring to Microscale Diagnostics**
Rosa Lasaponara · Consiglio Nazionale delle Ricerche (CNR-IMIOT)
- 10:10 **Unveiling the Invisible: New Technologies for Exploring and Reconstructing the Past**
Nicola Masini · Consiglio Nazionale delle Ricerche (CNR-ISPC)
- 10:30 **Matera's Rock-Cut Heritage in 3D: From Historical Knowledge to Digital Documentation and Access**
Brunella Gargiulo · Università della Basilicata (UNIBAS)
- 10:50 **Coffee break**
- 11:20 **Multimodal Diagnostics and Smart Monitoring for Preventive Conservation**
Cristiano Riminesi · Consiglio Nazionale delle Ricerche (CNR-ISPC)
- 11:40 **The ICR MUSAS Project: New Technologies for the Conservation and Enhancement of Underwater Cultural Heritage**

Barbara Davidde · Istituto Centrale per il Restauro (ICR)

- 12:00 **Heritage Digital Twins: Multiscale 3D Surveying, Data Quality and Interoperability**

Alessandro Conti · Università di Firenze (UNIFI)

- 12:20 **Cultural Heritage as a Shared Experience: Art Education, Digital Technologies and Communities**

Gaetano Malandrino · Accademia di Belle Arti di Carrara

- 12:40 **"The Futures of Memory": Geomatics and Artificial Intelligence between Survey and Imagination**

Grazia Tucci · Università di Firenze (UNIFI)

- 13:00 **Lunch**

ORGANIZING COMMITTEE

Eleonora Gioventù	Director SAF-ICR Matera
Grazia Tucci	CHEDAR Director, UNIFI
Giorgio Sobrà	CHEDAR Project Manager for ICR
Barbara Davide	Project Manager for Libya, ICR
Eleonora Gasparini	Project Manager for Tunisia, ICR

COMMUNICATIONS AND EVENT ORGANIZATION

SUPPORT OFFICE

Domenica Di Rocco	Academic office SAF-ICR Matera
Giuseppe Agulli	Academic office SAF-ICR Matera
Antonella Giotta	Academic office SAF-ICR Matera
Eleonora Imperio	Academic office SAF-ICR Matera
Marcello Corrado	Academic office SAF-ICR Matera
Roberta Cucchietti	CHEDAR Project assistant, ICR
Giuseppe Capparelli	Communications Office ICR
PIENNE s.r.l.s.	Produzione & servizi eventi
Vyon Digital Agency	Grafica & Web