ART & CONSTRUCTION WITH NATURAL MATERIALS

FULL IMMERSION NELLA TERRA - VIIIe EDITION

Online seminar
10 & 24 JUNE 2025
Hands-on Workshop
07 - 11 JULY 2025
SARDINIA, ITALY

DICAAR
DIPARTIMENTO DI INGEGNERIA CIVILE, AMBIENTALE E ARCHITETTURA
UNIVERSITÀ DI CAGLIARI

Partner of the UNESCO CHAIR
earthen architecture, building cultures and sustainable development
CRATERRE | AE&CC | ENSAG | UGA

Co-funded by the Erasmus+ Programme of the European Union

ART & CONSTRUCTION WITH NATURAL MATERIALS
Full immersion nella terra - VIIIe edition

DICAAR - Dipartimento di Ingegneria Civile, Ambientale e Architettura - Università degli Studi di Cagliari with the UNITWIN UNESCO Chair "Earthen Architecture, Building Cultures and Sustainable Development", in collaboration with Luca Noli Association and Associazione Internazionale Città della Terra Cruda; supported by the Consiglio Internazionale dei Monumenti e dei Siti - Comitato Nazionale Italiano and the International Scientific Committee on Earthen Architectural Heritage of ICOMOS (ISCEAH), organize 2 thematic seminars, 4 days of hands-on workshop on earthen art and architecture and sustainable practices, and a guided tour to local traditional architecture.

The hands-on workshop will be coordinated by professionals trained at CRAterre and will take place at LAT at Serrenti (Sardinia, Italy).

Participants will learn to employ earth and other natural materials for arts, crafts and construction.

With the support of:

ICOMOS - ISCEAH
International Scientific Committee on Earthen Architectural Heritage
International Council on Monuments and Sites

Consiglio Internazionale dei monumenti e dei Siti
Comitato Nazionale italiano

Associazione Internazionale Città della Terra Cruda

ASSOCIAZIONE LUCA NOLI

With the participation of:

UNIVERSIDADE PORTUCALENSE

Universitatea de Vest din Timișoara

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

TECHNICAL UNIVERSITY OF CRETE

UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

NOVA
UNIVERSIDADE NOVA DE LISBOA

ONLINE SEMINAR PROGRAM

TUESDAY 10 JUNE · 10H (UTC +2)

NATURAL ARCHITECTURE AND CIRCULARITY IS THE NEW GRAVITY
Marwa Dabaieh.
Malmö University, Sweden

EARTHEN ARCHITECTURE TODAY : AN OVERVIEW AROUND THE WORLD
Mariana Correia
Universidade Portucalense, Portugal

TUESDAY 24 JUNE · 10H (UTC +2)

TRADITIONAL ARCHITECTURE IN THE IBERIAN PENINSULA
Fernando Vegas & Camilla Mileto
UPV Universitat Politècnica di València, Spain

THERMAL PERFORMANCE OF EARTHEN WALLS AND NATURAL MATERIALS
Giuseppe Desogus
Università degli Studi di Cagliari

HANDS-ON WORKSHOP PROGRAM

Scientific coordination: Maddalena Achenza

MONDAY 7 JULY

9:00 Opening and welcome to participants

10:00-16:00
MODULE 01 | NATURAL MATERIALS FOR BUILDING
Sensory experience / Soil, matter and grains / Test Carazas
Coordinator : Nuria Alvarez Coll - Patricia Marchante

TUESDAY 8 - THURSDAY 10 JULY

9:00-16:00

MODULE 02 | RAMMED EARTH
Choice of the base material / Preparation of the mix / Tools and equipment
Coordinators : Miguel Ferreira Mendes - Jean-Marie Le Tiec

MODULE 03 | FIBERS AND EARTH
Choice of the base material / Composition and preparation of mixes / Preparation and application
Coordinator : Nuria Alvarez Coll - Kinya Maruyama

MODULE 04 | PLASTERS AND FINISHES
Choice of the base material / Tools and equipment / Preparation and application
Coordinator : Patrícia Marchante - Sylvie Wheeler

FRIDAY 11 JULY

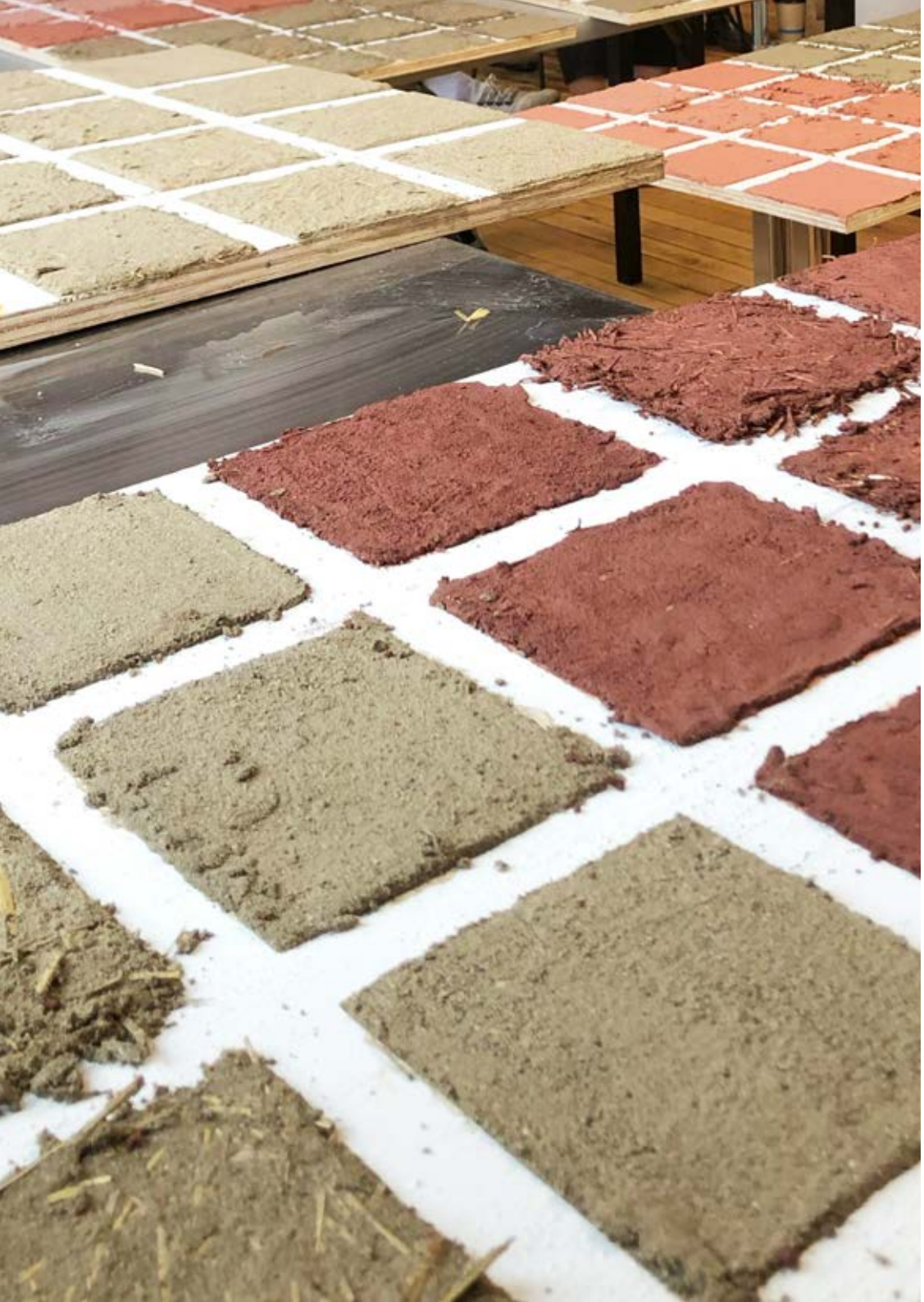
8:00-13:00
Guided tour at the discovery of local earthen architecture.

WHO WE ARE

GIUSEPPE DESOGUS
Engineer, DICAAR
He graduated in Civil Engineering in 2000 and got a Phd in Building Engineering in 2006. Currently he is a researcher in Architectural Engineering at the DICAAR Department of the University of Cagliari. He hold courses both for Architecture and Engineering. students. His scientific interests deal with the design and monitoring of energy efficient buildings and renewable energies integration.

MADDALENA ACHENZA
Architect, CEAA CRAterre - ensag
Professor at the University of Cagliari, in charge of the UNESCO Unitwin Chair "Earthen architecture, building cultures and sustainable development". Coordinator of the LABTERRA - Study and Research Center on earthen architecture at the same University. President of ICOMOS-ISCEAH Scientific Committee on Earthen Architectural Heritage.

ALICE AGUS
Architect, PhD
Completed her PhD in Architecture in 2023. Focusing her research on digital systems for the preservation of architectural heritage.
Since 2018, she hase been collaborating with the University of Cagliari, dealing with topics related to the restoration of earthen architectural heritage.



MARIANA CORREIA
Architect, DPEA CRAterre - ENSAG, MSc, PhD
Director of DAMG & CIAUD-UPT at Portucalense University in Porto, Portugal. World Heritage consultant, invited for WH missions in Africa, Europe, Middle East and Asia. Mentor in the UNESCO-WHC Mentorship WH Program for Africa. PROTERRA Coordinator (2011-2014); Aga Khan CAT SC President in Mali (2015-2018); and ICOMOS-ISCEAH President (2018-2020). Author and co-editor of several books, as “Earthen Architecture in Portugal” (2005); “Terra Europae” (2011); “VERSUS-Heritage for Tomorrow” (2014); “Conservation in Earthen Heritage” (2016); and “Arquitectura de Tierra en America Latina” (2016).

CAMILLA MILETO
Architect
PhD in architecture and full professor at the Universitat Politècnica de València. She has been a guest lecturer and has lectured at several universities and has received international awards for her work. Among others, she has developed restoration projects for the Alhambra in Granada and for Gaudí's Finca Güell in Barcelona. She is co-editor of Loggia magazine and has published extensively on architectural heritage.

FERNANDO VEGAS LOPEZ-MANZANARES
Architect
PhD in architecture and full professor at the Universitat Politècnica de València. He has been a visiting professor in Argentina, Italy and the United States and has lectured at various institutions and universities in these and other countries. He is co-editor and founder of Loggia magazine and has extensively published books and articles on architectural heritage.

MARWA DABAIEH
Architect
Architect and BioGeometry® practitioner with experience in sustainable and environmentally conscious architecture. Worked for the last 20 years in the field of zero emission and passive earth buildings, sustainable architectural conservation, climate responsive design, climate neutral architectural design. Research focus is on passive and carbon neutral low-tech vernacular methods and their adaptation for contemporary energy efficient and zero carbon building practice. Currently an adjunct professor at Aalborg university in Denmark and associate professor and the architecture program manager at Malmo university.

KINYA MARUYAMA
Architect, Tokyo, Japan
At over 70, Japanese architect Kinya Maruyama never stops delighting and enchanting us. His work is an extraordinary blend of fantasy and tradition, where interior and exterior merge. He uses natural materials such as bamboo, reeds, branches, dead leaves and, of course, earth, but the most important material is undoubtedly the air, the wind.

SYLVIE WHEELER
master painter and plasterer
For almost 30 years, she has worked as a decorative and building painter. From decor, she learned about color, light and shadow, and the use of pigments and binders. From built heritage, she learned about volume, thickness and texture, and how to manipulate materials: minerals, fibers and binders. And the most sensitive and aesthetic material for her : clay, earth.

NURIA ALVAREZ COLL
Architect, DSA CRATerre - ensag
She is a graduate architect at the Escola Tècnica Superior d'Arquitectura de Barcelona. After taking part in the *amàco* pedagogical project from 2013 to 2018, she decided to deepen her research into the body (touch), and raw materials in architecture at Cresson laboratory. She is co-founder and co-director of the theater company Colectivo Terrón.

MIGUEL FERREIRA MENDES
Architect, DPEA CRAterre - ensag
He studied architecture in Lisbon and Milan, holds a Master's Degree in Ecological Architecture from the San Francisco Institute of Architecture (SFIA), in cooperation with Biosphere2. Independent Architect and researcher at CRATerre - ENSAG.

JEAN-MARIE LE TIEC
Architect, DPEA CRAterre - ensag
Since 2005 he has been working as an architect within the NAMA studio and as a teacher and researcher at CRATerre - ENSAG École Nationale d'architecture de Grenoble. Together with CRAterre he participated in drafting the French regulations for rammed earth construction.

PATRÍCIA MARCHANTE
Architect, DSA CRAterre - ensag
PhD candidate at the University of Cagliari. Architect from the University of Porto. From 2008 she is dedicated to heritage, contemporary architecture and earth construction with a special focus on earthen plasters. In 2010 she has created the architectural studio Tierractual. Member of Protierra-Chile and ICOMOS Portugal.

REGISTRATION

Registration fees	**before 1 Jun**	**after 1 Jun**
Professionals/companies/individuals:	350 €	400 €
Students UNICA/UNESCO CHAIR:	180 €	200 €
ICOMOS/Ass. LUCA NOLI members:	180 €	200 €
External students/workers:	250 €	300 €
Single day attendance:	100 €	150 €

The meal is **not included** in the registration fee.

Fill in the registration form at the following link:
https://forms.gle/oqFB6994jJ3J41yB8

WHERE

LAT - LABORATORIO ARTI DELLA TERRA
Via Santa Barbara 114, Serrenti, Italy.

Google Maps: https://maps.app.goo.gl/mgBGBAwGu3NK1Xuq7

Info: fullimmersionnellaterra@gmail.com

ASSOCIAZIONE CITTÀ DELLA TERRA CRUDA

The Associazione Città della terra cruda was founded in 2001 as alliance between cities that recognize the value of earthen architecture and vernacular settlements as identitarian marks of the landscape of their territories, and as model for a sustainable development.

The association promotes the reuse of earth in the contemporary building supply chain, by encouraging the protection, recovery and reuse of traditional earth buildings and by promoting the use of natural construction materials for a sustainable living.

The association adheres to the international document "Inhabiting earth, for the right to build with earth", promoted in 2010 by CRATerre-ENSAG (France) and by numerous institutions who promote earthen architecture in the world.

ASSOCIAZIONE LUCA NOLI

The Luca Noli Association is a free and spontaneous group of people who intend to grow the spirit and energy that Luca Noli has shown towards life and, in particular, his passion for architecture, art and landscape.

Created in December 2019, it is a non-profit organization, and its main objectives are to "encourage, disseminate and operate in the culture of architecture, landscape and urbanism; activate studies and researches on the architectural fields and related subjects ".