

The Joint Research Group Cooperation Call

MULTI-HER

Interdisciplinary training on
MULTI-risk approaches for built HERitage

Programme of activities

Joint training pathway promoted within INGENIUM by Ud'A, UNIOVI and UoC.

SEPTEMBER

25 September,
10:00–13:00
Cultural Heritage and Built Heritage: General Concepts (Ud'A)
Module: Project Presentation. Cultural Heritage and
Built Heritage: General Concepts
Lecturer: Cristina Cantagallo

30 September,
15:00–17:00
Open Science practices: transparency,
reproducibility, and knowledge sharing (Ud'A)
Module: Open Science practices: transparency,
reproducibility, and knowledge sharing
Lecturer: Cristina Cantagallo

OCTOBER

7 October,
11:00–13:00
Knowledge of Built Heritage (UNIOVI)
Module: Technical knowledge of heritage assets
Lecturer: Pedro Plasencia-Lozano

7 October,
17:00–19:00
Knowledge of Built Heritage (UNIOVI)
Module: Historical-critical analysis and Heritage
legislation and governance
Lecturer: Marina Bargón García

19 October,
10:00–12:00
15:00–18:00
Knowledge of Built Heritage (UNIOVI)
Module: Multi-criteria approaches for territorial analysis
Lecturers: Arturo Colina Vuelta and Ícaro Obeso Muñoz

17 October,
10:00–12:00
Stone-built heritage: materials and decay (UNIOVI)
Module: Durability of heritage materials
Lecturer: Víctor Cárdenes

17 October,
12:00–14:00
Stone-built heritage: materials and decay (UNIOVI)
Module: Diagnosis of decay and pathology in
stone-built heritage
Lecturer: Víctor Cárdenes

NOVEMBER

4 November,
09:00–13:00
Monitoring, diagnostics and analytical investigation (UoC)
Module: In-situ investigation and monitoring
Lecturers: Kostas Demadis, Demetrios Anglos

5 November,
11:00–13:00
Monitoring, diagnostics and analytical investigation (UoC)
Module: Laser spectrochemical analysis
Lecturer: Demetrios Anglos

12 November,
15:00–19:00
Multi-Risk Assessment (Ud'A)
Module: Seismic Risk for heritage buildings
Lecturer: Cristina Cantagallo

13 November,
15:00–19:00
Multi-Risk Assessment (Ud'A)
Module: Climate Change Risk for heritage buildings
Lecturer: Valentino Sangiorgio

19 November,
15:00–19:00
Multi-Risk Assessment (Ud'A)
Module: Building physics related risks for
heritage buildings
Lecturer: Alessandro Ricciutelli

DECEMBER

4 December,
10:00–12:00
Ethics in research, including the responsible
and critical use of AI (Ud'A)
Module: Ethics in research, including the responsible
and critical use of AI
Lecturer: Luciano Caroprese

9 December,
15:00–17:00
Personal scientific branding and research
visibility (UNIOVI-Ud'A)
Module: Personal scientific branding and research visibility
Lecturers: Pedro Plasencia-Lozano and
Cristina Cantagallo

10 December,
15:00–18:00
Final synthesis and learning assessment (Ud'A)
Module: Synthesis of the training pathway,
guided discussion and final multiple-choice test
Lecturer: Cristina Cantagallo

11 December,
15:00–19:00
Final Workshop (Blended)
Module: Workshop on multi-risk approaches
for built heritage
Lecturers: All



Online activities, except the final blended workshop.

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Course information



OBJECTIVES

- To provide interdisciplinary training on multi-risk approaches for built heritage.
- To connect knowledge of heritage assets, materials and decay, diagnostics, monitoring, and multi-risk assessment.
- To strengthen competences in Open Science, ethics in research, responsible use of AI, and scientific communication.
- To promote cooperation within the INGENIUM Alliance among students, doctoral candidates, early-career researchers, and academic staff.

HOW TO ATTEND

- Participation in the full programme or in selected lectures is subject to prior registration.
- Registration form:

<https://forms.gle/yntFy2x3xGedNpUT9>

- Online activities will be delivered through Teams, except the final blended workshop.
- Participants will receive the access information after registration.



LECTURERS

- Cristina Cantagallo
- Pedro Plasencia-Lozano
- Marina Bargón García
- Ícaro Obeso Muñoz
- Arturo Colina Vuelta
- Víctor Cárdenes
- Valentino Sangiorgio
- Alessandro Ricciutelli
- Demetrios Anglos
- Kostas Demadis
- Luciano Caroprese

PARTICIPANTS

- The programme is addressed to students, PhD candidates, early-career researchers, researchers, academic staff and participants interested in multi-risk approaches for built heritage.
- The possible recognition of credits is subjected to the successful completion of the final test assessment



Registration required. Online activities, except the final blended workshop.