



Overview

In keeping with the legacy of the past six editions, the 7th Historic Mortars Conference (HMC 2025) will focus on research concerning technology and characterization of historic mortars, conservation and restoration issues in historic masonry structures and archaeological sites, development of heritage - inspired building materials for sustainable architecture, design of repair materials (mortars, renders, plasters and grouts), and test methods for historic and repair mortars.

HMC 2025 will constitute a gateway of interaction between the

academic and professional worlds involved in the fields of study of historic mortars and formulation, application and testing of restoration materials for built heritage, linking advanced scientific research to state-of-the-art industrial production and development.

On behalf of the Organizing Committee, we are eager to welcome you to the beautiful city of Padova for three days of intensive scientific and technological knowledge sharing in the field of historic mortars.

Michele Secco and Cristina Tedeschi
Co-Chairs of HMC 2025

Topics

Characterization of historic mortars and masonry structures. Sampling and test methods.

Historic production, processing and application of mortars, renders and grouts. Lime technologies.

Mortars in archaeological sites. Construction history. Archaeometry. Dating of historic mortars.

Historic renders and plasters. Gypsum-based plasters and mortars. Adobe and mud mortars. Rammed earth constructions. Natural and Roman cement mortars. Assessment.

Historic Portland cement-air lime mortars. Historic Portland cement mortars.

NEW TOPIC

Heritage-inspired building materials for sustainable architecture: from archaeometry to application.

Conservation issues concerning mortars, plasters, renders and grouts. Diagnosis. Decay and damage mechanisms. Case studies.

Preservation. Consolidation materials and techniques. Development of new products. Preventive conservation.

Repair mortars and grouts. Requirements and design. Compatibility issues. Durability and effectiveness. Adequacy of testing procedures.

Venue

HMC 2025 will be held at the University of Padova, Italy. A city with a long history starting from the 12th century BC, Padova is characterized by a wide range of historical, cultural and artistic places of interest. Among the main attractions, there are two different UNESCO World Heritage sites, in addition to numerous ancient Roman, medieval and modern monuments and heritage buildings spread throughout the city center.



The University of Padova is one of the oldest European seats of learning. The *Studium Patavinum* was founded in 1222 and it shortly became a symbolic place of freedom and internationalization – “*Universa Universis Patavina Libertas*” – open to students and scholars from all over Europe.

Dates and Deadlines

15/10/2024	Opening of extended abstract submission
15/03/2025	Closing of extended abstract submission
15/05/2025	Notification of extended abstract approval
30/05/2025	Final extended abstract submission
15/06/2025	Deadline for early bird and author registration
2-4/09/2025	HMC 2025

Institutional Support

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