ReUso 2026

# New heritage and future strategies

## Perspectives on conservation and promotion • Book of abstracts

14th International Congress Barcelona-Girona, 4-7 November

edited by
Alessandro Scarnato
Marisa García Vergara
Ángeles Layuno Rosas



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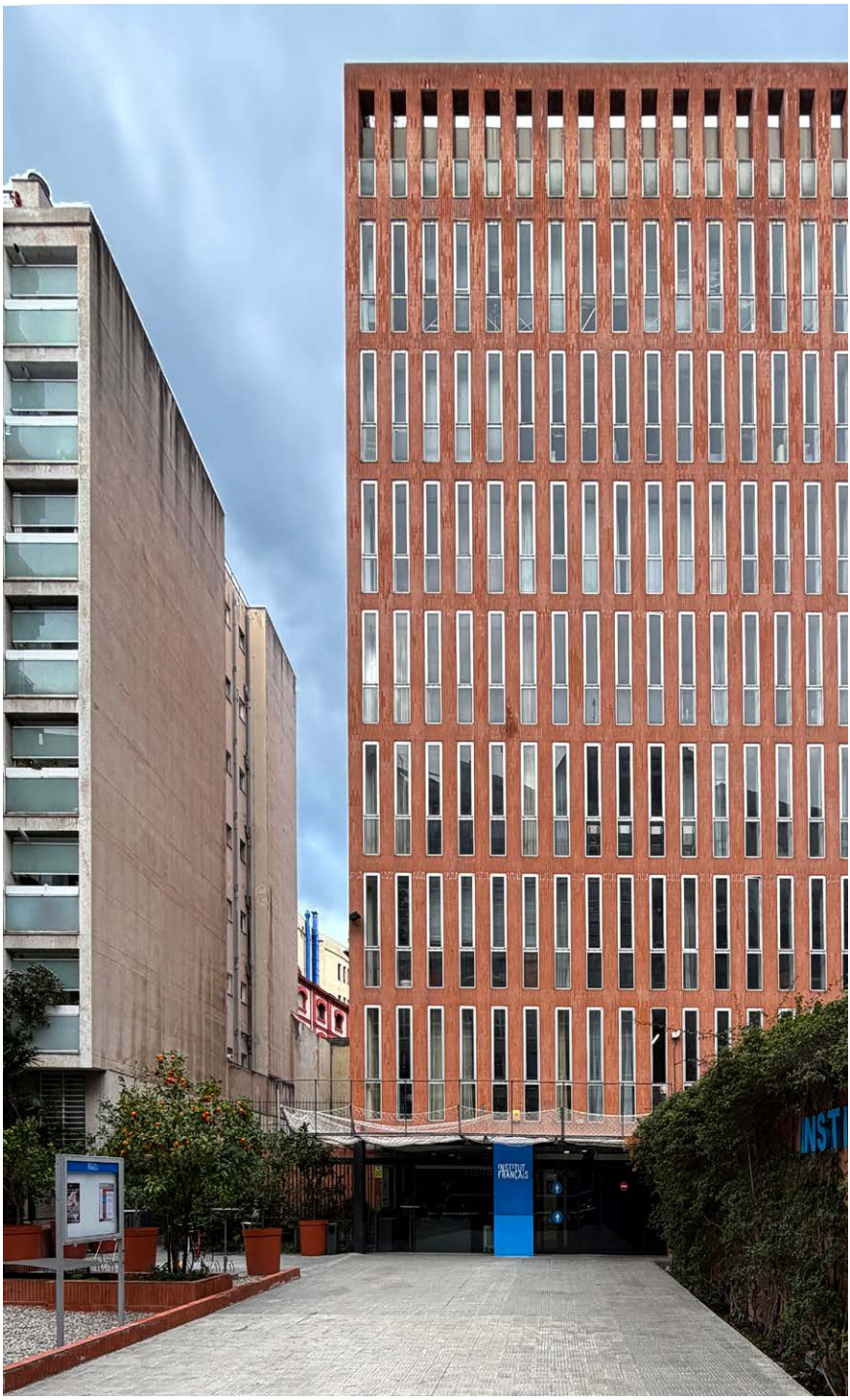
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# NEW HERITAGE AND FUTURE STRATEGIES
## Perspectives on conservation and promotion

*Alessandro Scarnato – Università Politècnica de Catalunya*
*Ángeles Layuno Rosas – Universidad de Alcalá*
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The accelerated technological, environmental, and social transformations of the twenty-first century are redefining the conditions under which heritage is recognized, interpreted, conserved, and transmitted. Climate change, ecological vulnerability, technological innovation, and evolving patterns of habitation challenge established conservation paradigms and call for a critical reassessment of the very notion of heritage, the values through which it is defined, and the criteria governing its transformation and transmission to future generations.

Heritage can no longer be understood as a self-evident category determined exclusively by historical, aesthetic, or material attributes. Rather, it emerges through historically situated processes of recognition, selection, interpretation, and value attribution. Consequently, conservation must extend beyond the preservation of material fabric to address the dynamic relationships between continuity and transformation, permanence and adaptation. It may therefore be understood as a critical practice concerned with the management of change, informed by historical, cultural, material, environmental, and social knowledge.

The conference promotes interdisciplinary dialogue among historical research, conservation science, architectural design, urban and territorial planning, landscape studies, and heritage management. Particular, though not exclusive, attention is devoted to the architectural, urban, territorial, and landscape heritage of the second half of the twentieth century, whether embedded within pre-existing historic contexts or conceived as part of newly developed environments. Its recognition and conservation require a reassessment of conventional chronological, typological, and aesthetic categories, together with appropriate criteria for evaluating significance, vulnerability, authenticity, integrity, and adaptive capacity.

Within this framework, adaptive reuse constitutes a central concern. More than the assignment of new functions to existing structures, reuse entails a critical negotiation between inherited materiality, heritage significance, and contemporary requirements. It also establishes a direct connection between conservation and environmental sustainability by extending building life cycles, reducing resource consumption, and preserving embodied material and cultural values.

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Contemporary heritage discourse is inherently dynamic and subject to ongoing critical reassessment. It is shaped not only by the designation of monuments and sites considered exemplary for their exceptional significance, but also by broader ideological, economic, social, and political forces. The tensions between globalizing trends and local identities, the pressures of tourism, the impacts of climate change and decarbonization policies, processes of depopulation, and the growing demand for public participation all present challenges that extend beyond the scope of legal protection and technical conservation measures. Addressing these issues requires integrated approaches capable of situating heritage within wider environmental, cultural, and societal transformations.

The conference is structured around four interconnected fields of inquiry: Knowledge; Diagnosis and Treatment; Intervention; and Management, Interpretation, and Heritage Valorisation. These should be understood not as autonomous stages but as interdependent dimensions of a continuous conservation process.

Taken together, these four fields define conservation as a continuous, interdisciplinary, and critically informed process. Knowledge informs diagnosis; diagnosis guides intervention; and management, monitoring, use, and interpretation continuously generate new forms of knowledge.

## Acknowledgements

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This conference and its proceedings would have not been possible without the authors (professionals and scholars) that have submitted their contribution and the precious, unceasing work of the logistic committee, composed by students from the involved universities.

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# Representing and interpreting: an hbim protocol to document San miniato al monte

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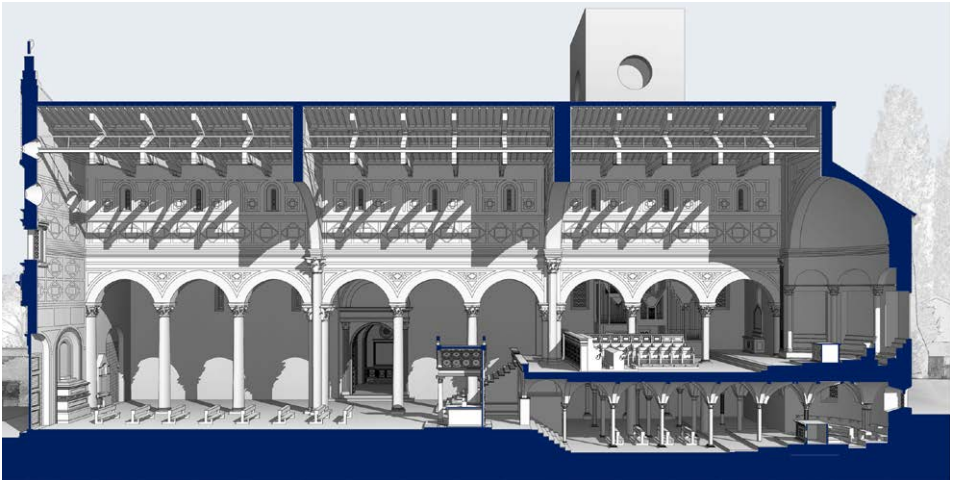
Heritage management requires processes capable of combining documentation, organisation and the synthesis of information. The application of a Scan-to-BIM protocol to the San Miniato al Monte complex addresses the complexity of translating formal uniqueness into parametric models. The research integrates data from integrated surveying into a geospatial database, where the model adopts differentiated levels of detail (Reverse LODs). The system enables data classification and access via semantic attributes, facilitating the searchability of digital archives. The integration of geometry and semantics allows for a flexible representation of the historic built environment, defining a methodology for management, and new models for representing and accessing knowledge.



# ReUso 2026
# New heritage and future strategies
## Perspectives on conservation and promotion • Book of abstracts

This volume gathers the abstracts of the 121 papers from the 14th ReUso Conference (Barcelona-Girona, 4–7 November 2026), titled *New heritage and future strategies. Perspectives on conservation and promotion.* Published for the first time within a Firenze University Press series, it reflects the scientific debate on climatic, technological, and social challenges in conservation. Structured into *Knowledge, Diagnosis and Treatment, Intervention*, and *Promotion*, it outlines research directions and methodologies on adaptive reuse and heritage, offering a concise overview to guide the care, transformation, and future transmission of built environments.

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