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EEHAR
ESCUELA ESPAÑOLA DE HISTORIA
Y ARQUEOLOGÍA EN ROMA - CSIC

Seminary

ARS LIGNEA

Raw materials, medieval architecture and multidisciplinary



Scientific Coordination:

Antonio Pizzo (Escuela Española de Historia y Arqueología en Roma-CSIC)

Scientific Direction:

Josué Susperregi (Dendrochronology Laboratory, Fundación Arkeolan)

Ibon Telleria (Escuela Técnica Superior de Arquitectura EHU/UPV)

12 and 13 november 2024

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Gipuzkoako Foru Aldundia
Diputación Foral de Gipuzkoa



Universidad
del País Vasco Euskal Herriko
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Conference Room EEHAR-CSIC, via di S.Eufemia 13, 00187 Roma - www.eehar.csic.es

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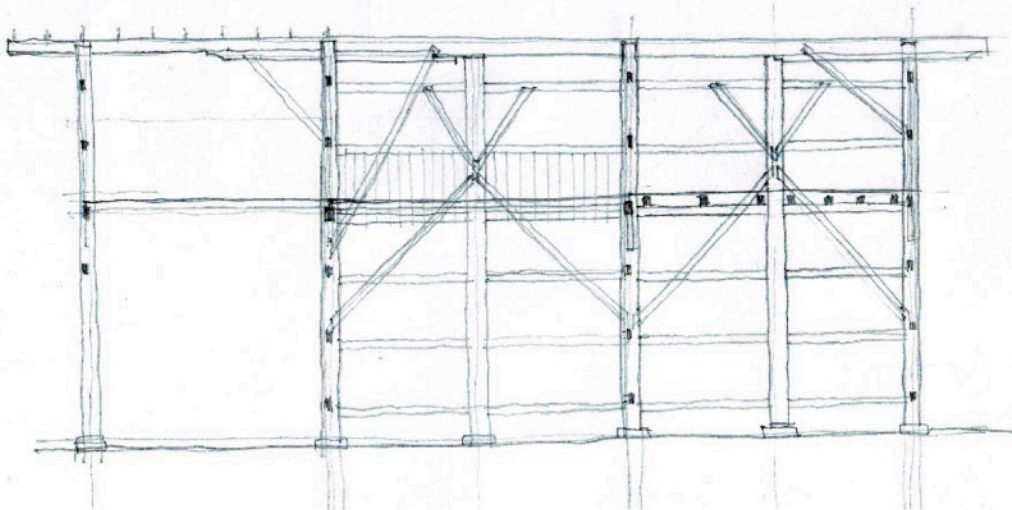
Raw materials, medieval architecture and multidisciplinary

Until only 40 years ago, timber architecture was considered subsidiary to stone constructions. However, in the Central and Northern European territories (United Kingdom, France, the Netherlands, Germany, Denmark, Sweden, etc.), thanks to the prominence of oak as a building material, it was possible to radically change the orientation of studies and a new line of research developed that highlighted the importance of medieval carpentry. This new line of research was made possible by a multidisciplinary approach and, above all, by the integration of temporal markers. In short, this development was achieved thanks to the fact that the multiple dimensions of time, i.e. biological, physical and historical time, are present in wood and building forms.

The conditions experienced by the tree, biological time, are inscribed in the wood, while physical time governs the mechanical behaviour of the material and its properties. Historical time, with its cultural gradients in spatial and temporal dimensions, has shaped the way craftsmen work and their choice of wood. The diachronic version of the craftsmen's craftsmanship allows us to recognise the marks of the tools that blend with the traces left by history and the conditions of preservation.

In turn, socio-economic and political times are included in long-distance trade flows and the provenance of the material itself, which can also be identified through biological indicators. Southern European territories have recently been added to this dynamic, giving rise to a new, vigorous and energetic heritage scene.

The seminar intends to highlight the lines of encounter and exchange between the different disciplines that make up this holistic approach to the medieval wooden building heritage, presenting the most significant results to the academic community.



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PROGRAM

12th November

15:00-15:15 Initial greetings from **Antonio Pizzo** (Director of EEHAR-CSIC)

15:15-15:30 Presentation of the Seminar by **Josué Susperregi** (Fundación Arkeolan) and **Ibon Telleria** (ETSA UPV/EHU)

15:30-16:10 **Haio Zimmermann** (Lower Saxony Institute for Historical Coastal Research)
Timber House Research from the perspective of an archeologist

16:10-16:50 **Ibon Telleria** (ETSA EHU/UPV)
Patrimonio construido medieval en madera. Relaciones Norte-Sur de Europa

16:50-17:30 **Heinrich Stiewe** (Collections Department of the LWL Open-Air Museum Detmold)
Reading Medieval and Early Modern Timber Framing – A Research overview on Northern Germany and the Eastern Netherlands

17:30-18:10 **Vittorio Fronza** (Medieval archaeology freelance researcher, Italy)
Tools and materials for an atlas of Early Medieval Construction in perishable material

18:10-18:30 Discussion

13th November

9:00-9:40 **Nigel Nyling** (University of Wales, Trinity Saint David)
Basque Isotope Project: Development of a reference chronology for the Basque Country combining classical dendrochronology and oxygen isotope analysis

9:40-10:20 **Frédéric Épaud** (Centre National de la Recherche Scientifique -CNRS, France)
The evolution of medieval roofing in France

10:20-11:00 **Tomáš Klír** (Department of Archaeology, Charles University, Prague)
Current topics and issues of wood architecture studies in the Czech Republic. The High and Late Middle Ages (1200-1500)

11:00-11:30 Break

11:30-12:10 **Jesús Fernández** (Programa Ramón y Cajal, University of Oviedo)
Medieval woodland management and timber construction in peasant contexts: archaeological and archaeobotanical evidence from Northern Spain

12:10-12:50 **Josué Susperregi** (Dendrochronology Laboratory, Fundación Arkeolan)
New Evidence about Basque medieval wooden built heritage

12:50-13:30 Discussion

13:30-15:30 Break

15:30-16:10 **Ainara Iroz** and **Josu Maroto** (Servicio Patrimonio Histórico-Artístico, Diputación Foral de Gipuzkoa)
Diferentes estrategias de acercamiento y conservación del Patrimonio edificado en el territorio de Gipuzkoa

16:10-16:50 **Mertxe Urteaga** (Servicio Patrimonio Histórico-Artístico, Diputación Foral de Gipuzkoa)
Contexto histórico de la Arquitectura residencial de madera en el País Vasco

16:50-17:20 **F. de Borja de Aguinagalde** (Archivo Histórico de Euskadi)
Metodología y uso de las fuentes documentales en la construcción del Patrimonio medieval guipuzcoano

17:20-18:00 Discussion

18:00-18:30 Conclusions by **Haio Zimmermann**, **Heinrich Stiewe** and **Ibon Telleria**

18:30-18:45 Closing by **Antonio Pizzo**

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