



From Forests to Heritage

**A conference on historical timbers
and wooden cultural heritage**

Programme and abstracts

19-21 April 2022

Amsterdam

From Forests to Heritage

A conference on historical timbers and
wooden cultural heritage

organised by:

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Henrik Kiær

Website



Conference website
www.forests2heritage.nl



Online programme

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Oak dating in Lithuania

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Oak timber in Lithuania was used in building constructions in Klaipėda oldtown and Vilnius Lower castle. The constructed oak chronologies for Klaipėda and Vilnius spans from the 13th to 16th centuries. However, it is not possible to identify the origins of the samples collected during the 1980s in Klaipėda because a book with records from this stage of the investigation was lost. In addition, oak is present in the standing buildings of the central part of Lithuania. Because of favourable soil conditions, to date, oak is more prevalent in the forests of central Lithuania than in other regions. In 2018–2019, oak timbers from altarpieces and construction elements of seven churches in central Lithuania were studied. In total, fifty-three oak samples were sampled, and 40 tree-ring series were dated. Although the timber from the 18th to 19th centuries predominates, the oldest samples were dated to 1526 and 1635. The samples from the 16th to 17th centuries were dated against Klaipėda and chronologies constructed from oak timber imported from Baltic lands to western Europe, such as Baltic1 and Baltic3. Finally, the newest material was dated using chronologies constructed from living oaks in Lithuania. As a result, the compiled oak chronology for Lithuania spans from 1659 to 2005.