

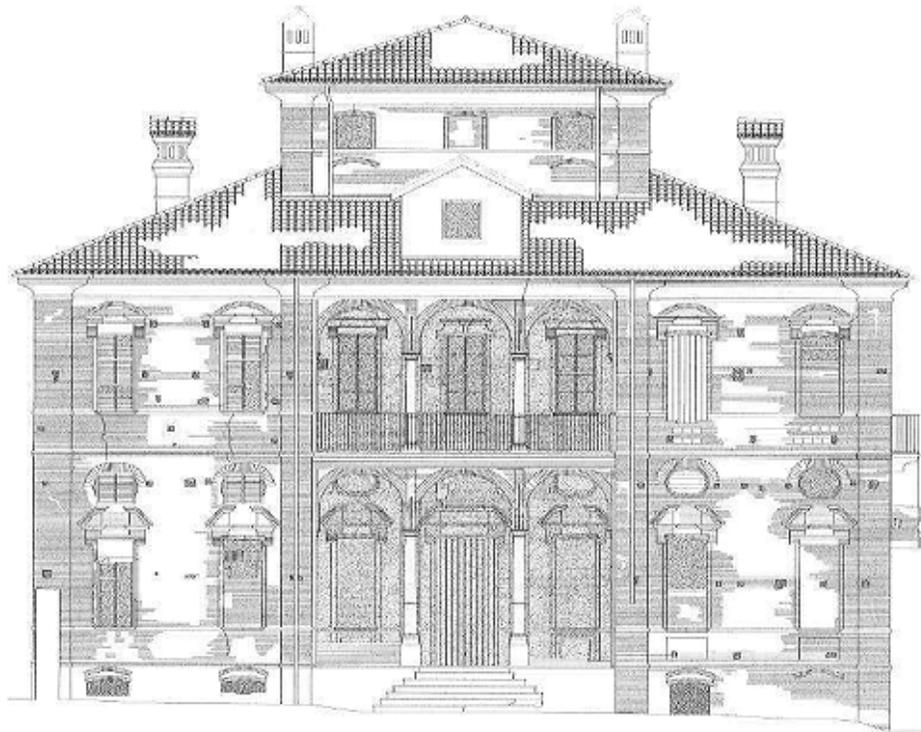
Analysis of deterioration and hypothesis of a new destination for Villa Fresia in Oglianico

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The building subject of this thesis is located in the historic centre of Oglianico, a little town in the Canavese, 35 kilometres from Turin. Oglianico conserved the medieval framework of the shelter, an inspiring element for Portuguese architect Alfredo D'Andrade, designer of the Medieval Village, built for the 1884 World Exposition.

The first evidence of the presence of the villa dates back to 1673 and is to be found in the register of Arts of the Commune of Oglianico.

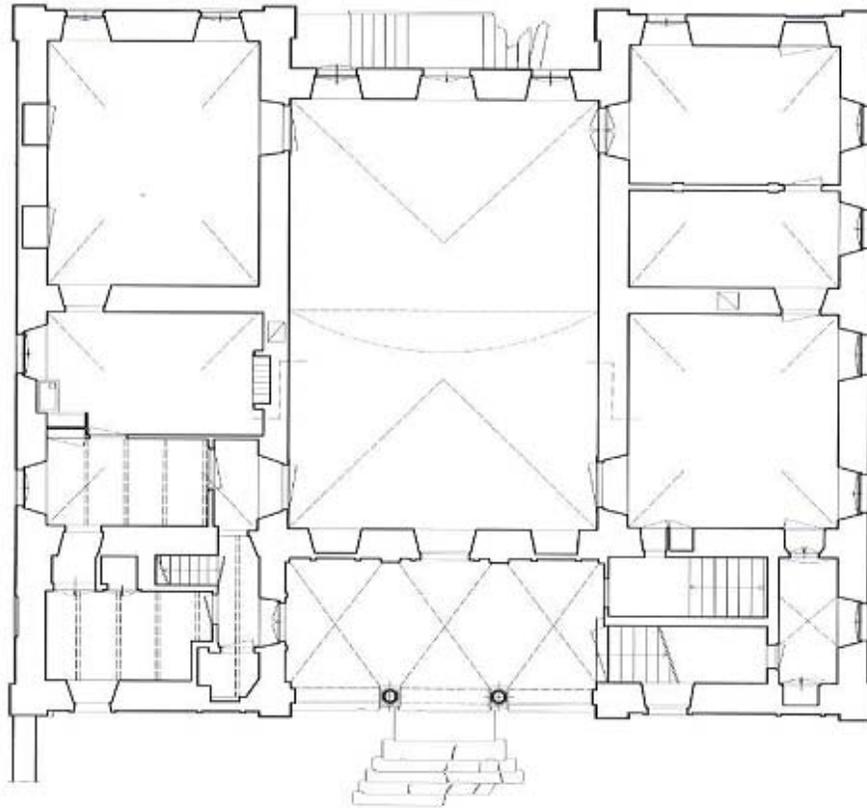
The project of the building was attributed to Amedeo di Castellamonte by Cavallari Murat in his book "*Tra Serra d'Ivrea, Orco e Po*". This hypothesis was supported by several stylistic and formal comparisons with the architect's works.



Main view

The building, conceived as a luxury house on the model of baroque villas, on its main view features an open gallery with three arches on two floors, accessible from a seven-step stairway.

From the open gallery we enter the central hall. Along the central hall are the two wings of the building, both divided in three rooms with pavilion vaults. From the open gallery, a side stair leads to the second floor which reflects the first one as far as plan and vault are concerned, while its ceilings are lower and the most marked interventions of room division date from the last century.

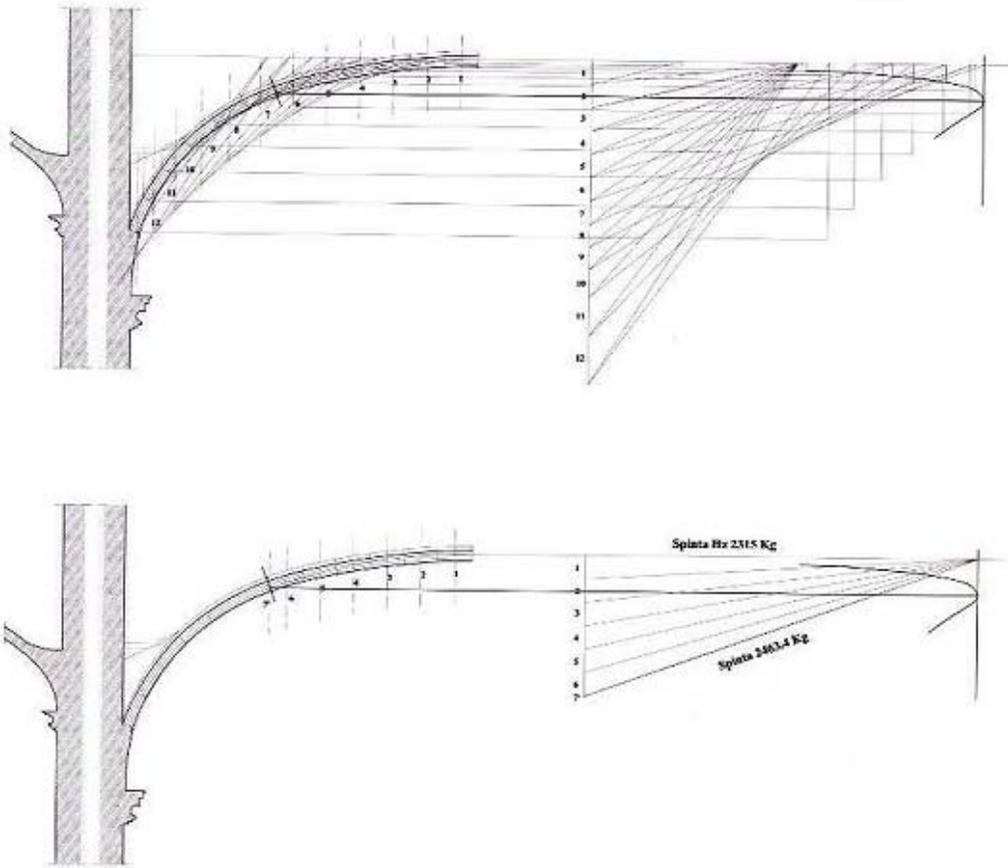


First floor plan

The analysis of its deterioration assessed a stable static condition of the structure. This was also supported by a static check of the push structure, vertical structure and wooden roof.

Fissures are caused by material degradation as the villa was abandoned. The only project to be implemented for the preservation of the villa is the rebuilding of the roof which had collapsed, aiming to eliminate water seepage, the major cause of damage.

The north-east outside wall showed a sinking of the foundation.



Check barrel vault with pavilion heads

The end of the thesis deals with the consolidation and transformation of the building into a multi-purpose centre, with a conference room at the first floor, offices at the second floor and an exhibition hall in the basement.

The project respects pre-existences and restores Castellamonte's original plan. The choice to establish a multi-purpose in intended to make citizen more and more aware of the building preservation.

Each and every stability check was repeated with the loads required by law for the new destination.

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