

the-tree-and-the-sky-the-bioclimatic-restaurant

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the windows that open onto the countryside allow natural control of the climate of the bioclimatic greenhouse

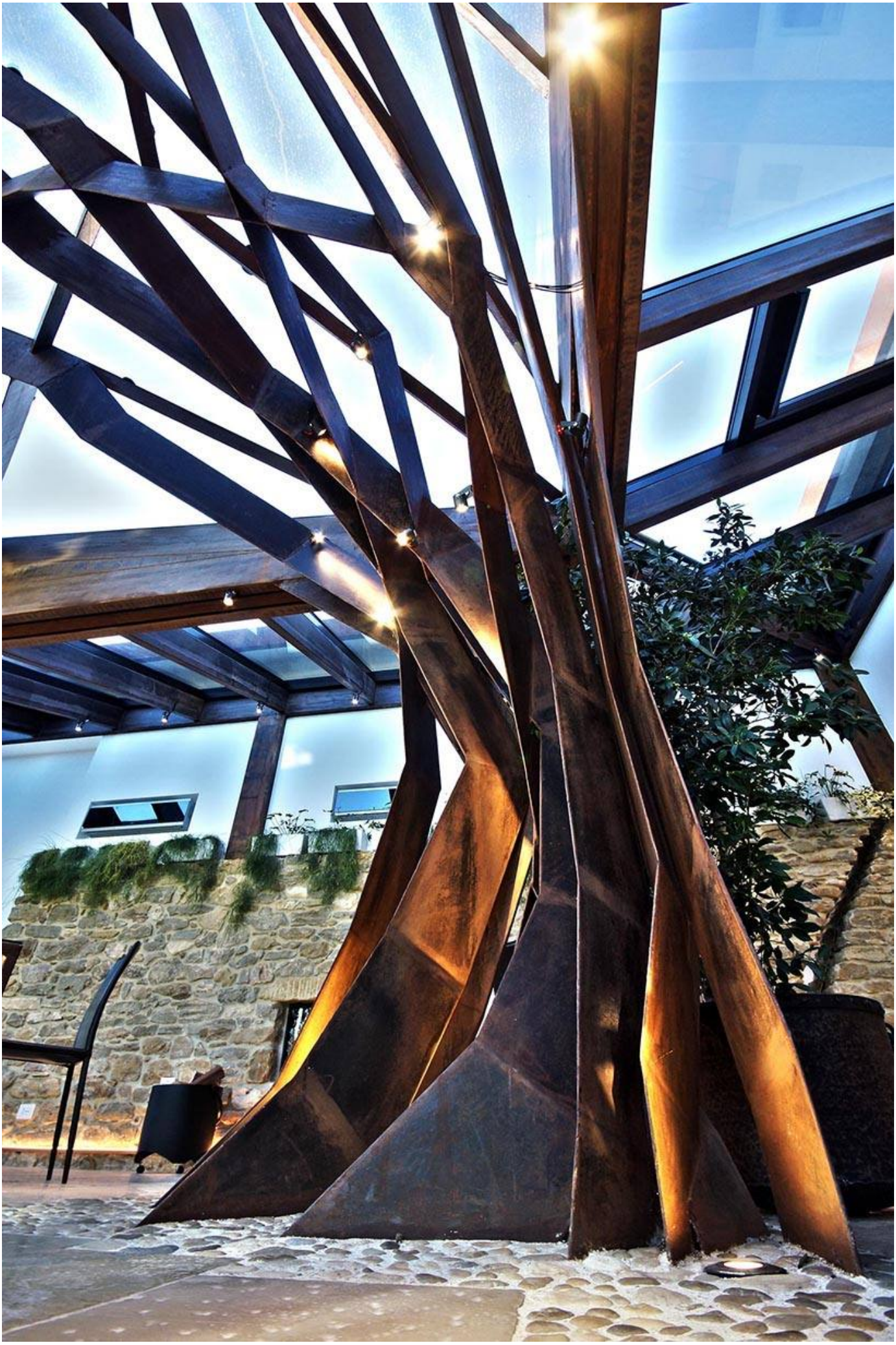
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collaborators: Pierluigi Di nola, Mariangela Falamminio
structural engineer: Giuliano Peverati
companies:

An anonymous rural building from the eighties, inside Tenuta Di Sipio, has been transformed into an exclusive restaurant, immersed in an olive grove in the Abruzzo countryside.
The architectural concept of the new added object is entrusted to the tree symbol.
The tree starts from the ground with a trunk that rests on a corner of the glass envelope, from this trunk all the structural elements branch out, triangular blades in corten, which form a complex and harmonious intertwining of branches between the room and the sky .
The solution creates the feeling of being outside, an atmosphere emphasized by the flooring, inspired by the typical paving stones that characterized the streets of nineteenth-century historic centers.
The total transparency allows you to enjoy both the sky and the surrounding countryside.
During the day, time is marked by natural light filtered through the tangles of thick branches, projecting the architecture of the structure to the ground, changing according to the position of the sun and the presence of clouds. At night the point lights are reflected on the windows and blend with the starry sky.
The tables, specially designed for the room, have a corten steel structure and a glass top to amplify the play of lights.
From an energy point of view, the principle of the bioclimatic greenhouse is exploited, in the warm and temperate months, the climate inside the structure is optimized by the special windows that cut ultraviolet and infrared rays, the vertical sliding openings and the opening of elements in the roof, allow natural air circulation, avoiding room heating.
In the cold months, the greenhouse effect of the glazed structure is exploited, the air exchange is ensured by introducing pre-treated air into the environment from a heat recovery unit.
The existing environments have been revisited and integrated, in them there is a bar, a sales point, an entrance filtered by an added structure in glass and steel, an open kitchen on the room with part of the glass ceiling and a glazed executive office.



The solar rays reverberated by the tree branches in corten steel

ROCCO VALENTINI ARCHITECTURE



the trunk of the corten steel tree



the bioclimatic restaurant in the evening, the point lights reflect like stars on the glass



the box in corten and glass immersed in the olive grove



Summer afternoon



the restaurant at night seen from the outside



sky weaving



the corten steel vines that support the glass roof



the branched corten structure of the roof during assembly



Connection of the corten steel structure to the existing building



The bioclimatic restaurant at night

http://www.roccovalentini.it/newsite/index.php?l=en
(http://www.roccovalentini.it/newsite/index.php?l=en)

Rock Valentini