

(near the covers and drips on the horizontal lines on the facade and on the critical points of the lateral sides of the same; any problematic items are highlighted in correspondence with the most accentuated phenomenon)

Mapping of percolation on the stone of the facade

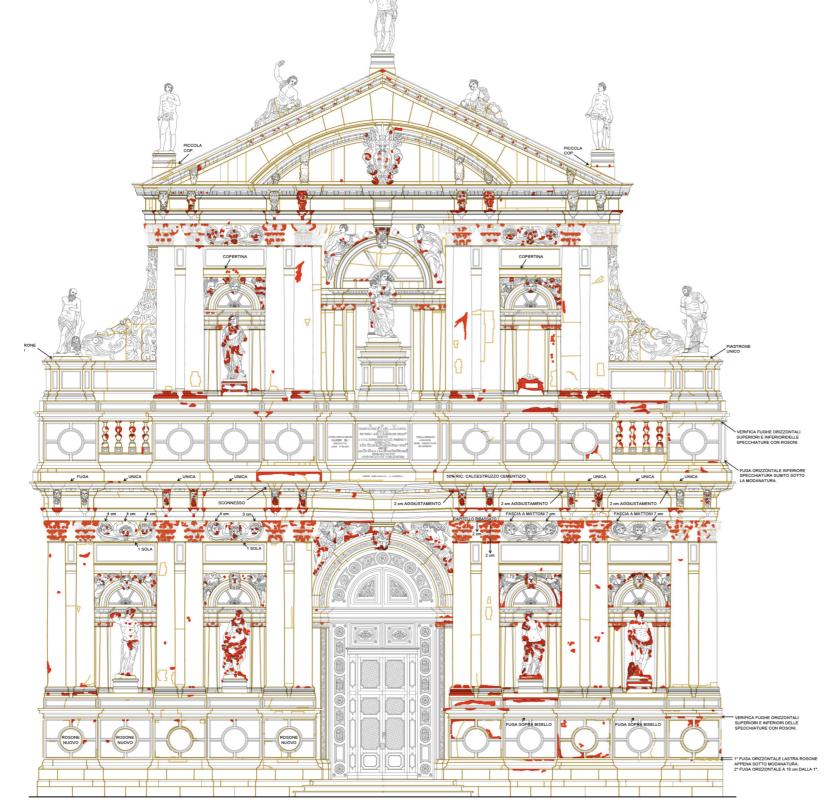




Tiling sheets, interventions for rainwater percolation and photographic survey of the elements

DIRECTION OF PERCOLATION marked as well as with the color with the down arrow

FILLING



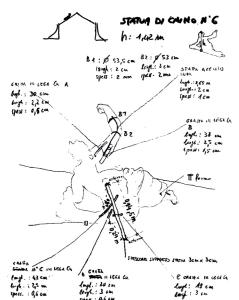
Grouting of the lines connecting the stone elements Mortar reconstructions (Ica: mixture based on lime and aggregate. Cem: cement-based mixture)

Mapping of additions and fillings

STATIC CONSOLIDATION





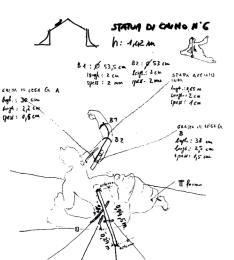


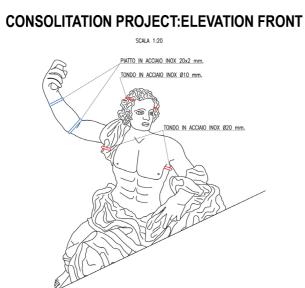
Architectural designers

architectural conservation and restoration.

Giorgio Forti

Ilaria Forti



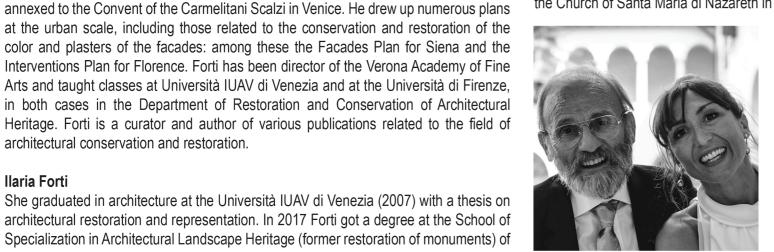




FERMO IN RAME

the Politecnico di Milano. She was a 2014/15 research fellow at Università IUAV di Venezia and acted as teaching assistant since 2008 at Università IUAV di Venezia, Politecnico di Milano and Università di Bergamo in the scientific disciplinary sectors of Restoration and Representation. She has taught in national and international workshops He graduated in architecture at Università IUAV di Venezia (1973) with a thesis on and has contributed to various scientific publications. Forti works as a freelance architect buildings restoration. Since 1973 he practiced as freelance architect and project in the field of architectural restoration and conservation, managing several construction manager of various restoration works for monumental buildings, including the Cathedral sites, including the restoration of the theological pole of the Convent of San Bernardino of Verona, the Church of Santa Maria Antica alle Arche Scaligere in Verona, the San in Verona, the garden and part of the Fortuny fabric factory in Venice and the facade of Bernardino complex in Verona, the Church of Santa Maria di Nazareth and the orchard the Church of Santa Maria di Nazareth in Venice.

FORO PER INCASTRO CON COLATURA DI PIOMBO



РНОТО: Giorgio Forti and Ilaria Forti

Execution of the fillings: methodology and materials







Regarding the intervention related to the fillings, we tried to use materials and technologies that guaranteed maximum compatibility with the Carrara marble. For the execution of the fillings, necessary to protect the surfaces from the erosive action of the rain and marine aerosol, we used a lime made up of 98% pure calcium carbonate totally devoid of additives or salts that could generate efflorescences. This type of lime was chosen so that it had the same composition as the marble, and was therefore compatible with it. We opted for a filling which would recreate a surface similar to marmorino to ensure the flow of rainwater, avoiding dangerous stagnation of humidity and ensuring an appreciable aesthetic recovery.











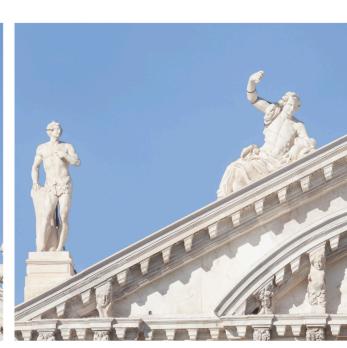
Photographic survey of the project















Ernesta Vergani Restauro Opere D'arte

Ernesta Vergani

After graduating in Architecture at Università IUAV di Venezia and a period of 6 years working in the restoration laboratory directed by professor Ottorino Nonfarmale in Bologna- founded her own restoration company in 1989, acquiring SOA OS-2A -II category certification.

The company has worked to acquire direct contracts from public bodies or similar (Superintendencies, Municipalities, Curia of Venice, Parishes) and from private individuals. Restoration activity has always involved works of great value on mural, stone and wooden surfaces and paintings on canvas.

Among the many works carried out in the Veneto area are those carried out in the city of Venice: at Palazzo Ducale, carved and gilded wooden ceilings (halls of the Maggior Consiglio and Quarantia Criminal), the Scamozziano altar with Madonna with Child by Jacopo Sansovino; in Piazza San Marco the VII IX X arches of the Procuratie Nuove, the wooden choir in the Church of Santo Stefano, in the Church of Santa Maria di Nazareth -known as degli Scalzi- the Chapels of San Giovanni Battista and San Sebastiano and the restoration of the main facade.

The entrepreneurial spirit of the company relies in the involvement of highly qualified personnel to complete work with maximum efficiency and attention to the cultural heritage.



She graduated in architecture at the Università IUAV di Venezia (2007) with a thesis on architectural restoration and representation. In 2017 Forti got a degree at the School of Specialization in Architectural Landscape Heritage (former restoration of monuments) of