



Works Portfolio

studio
Berlucchi
società di ingegneria
dal 1920

PRESENTATION

Studio Berlucchi is an engineering firm based in Brescia.

The company's corporate purpose is to provide technical services in the field of building design and architectural restoration. Its partners are licensed designers who make use of the services offered by the company to develop projects under their own signature. The firm draws on the collaboration of numerous professionals registered with their respective professional bodies, and is active throughout Italy and abroad.

Activities

The Studio carries out architectural and structural design for public and private buildings, with particular experience in the field of restoration and heritage-listed buildings, up to executive design level and site management. A brief list of the services provided is given below:

- architectural design and feasibility studies
- structural design
- coordination and design of diagnostic investigations on protected heritage assets
- site supervision
- cost estimating and site accounting
- structural load testing
- safety coordination during design and execution
- fire prevention design
- real estate and damage appraisals
- design tenders and consultancy to companies for public procurement
- drafting of price lists for public administrations



AWARDS AND RECOGNITIONS



2010 DOMUS AWARD
2nd Place
TEATRO SOCIALE, BERGAMO



2014 EUROPA NOSTRA AWARD
1st Place "Conservation"
TEATRO SOCIALE, BERGAMO



2015 THE BEST IN HERITAGE
ProjectS of influence
TEATRO SOCIALE, BERGAMO



2022 DEDALO MINOSSE
Special Stanislao Nieve Award
HAGIA SOPHIA MOSQUE, ENEZ (TURKEY)



2022 ROTARY-LA SAPIENZA AWARD
RESTORATION IN THE H-BIM ERA
1st Place, category C
"projects of completed or ongoing works"
CLOISTER OF THE SECOLARI
MONASTERY OF SAN BENEDETTO PO (MN)

**BIM&DIGITAL
AWARD 25**

Il monastero di Matilde di Canossa in
BIM
Dal progetto di restauro al collaudo
Studio Berlucchi S.r.l.

Organizzato da
ASSOBIM BUILD SAIE

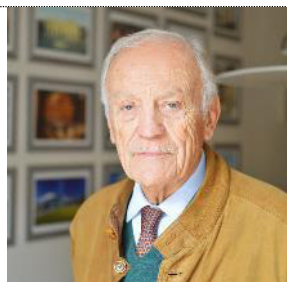
Categoria
Interventi di restauro e
valorizzazione del patrimonio



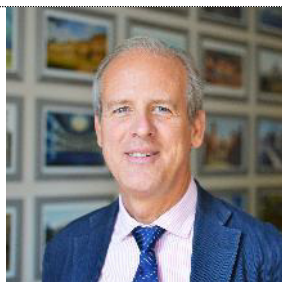
2025 BIM DIGITAL AWARD
ASSORESTAURO Mention
CLOISTER OF THE SECOLARI,
MONASTERY OF S. BENEDETTO
PO

FIRM ORGANISATION CHART

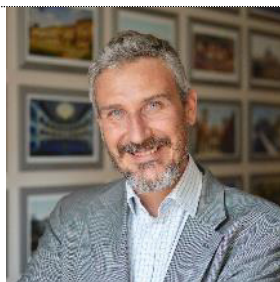
Partners



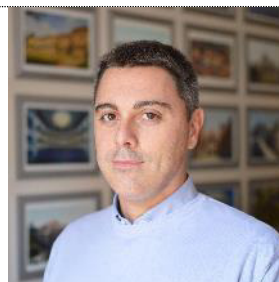
Eng. Roberto Berlucchi
Partner and President



Eng. Nicola Berlucchi
Partner, CEO
Technical Director



Eng. Nicola Fumagalli
Partner
Technical Director

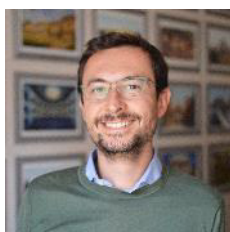


Arch. Samuele Ferlicca
Technical Director
Senior Architect

Technical and administrative staff



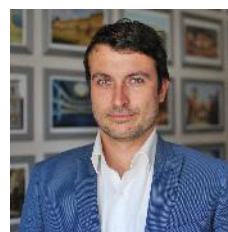
Patrizia Ragnoli
Administrative employee



Alberto Piccinelli
Senior Architect



Flavia Mainardi
Senior Architect



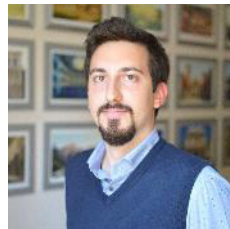
Francesco Locatelli
Engineer – BIM manager



Valentina Gelmi
Engineer



Federica Cogliati
Architect



Alessandro Trevisi
Structural Engineer



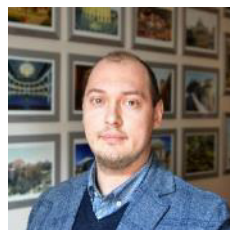
Mariana Napoli
Engineer



Maurizio Zappa
Engineer



Laura Rosales
Architect



Sergio Massone
Architect

We also collaborate with:

Arch. Leda Fontana, Arch. Federica Lorini, Eng. Andrea Nava, Arch. Viola Gregorini, Arch. Michela Feraboli, Surv. Alfredo Rocco, Loredana Zeni



ENG. NICOLA BERLUCCHI

Born in Brescia on 19.06.1963

Managing Director and Technical Director of Studio Berlucchi srl

restauro@studioberlucchi.it

EDUCATION	• <u>Graduated</u> in December 1988 in <u>Civil Engineering, Structural specialisation</u> at the Politecnico di Milano • registered with the Register of Engineers of the Province of Brescia, no. 2123, since 1990. • Registered with the Architect Registration Board (ARB) under number 078989E and licensed to practise as an Architect in Great Britain and the Commonwealth • Registered with the <i>Royal Institute of British Architects Conservation Register</i> as a <i>Specialist Conservation Architect (SCA)</i>, a qualification enabling him to work on monuments of national importance • University Lecturer at the Schools of Specialisation in Architectural and Landscape Heritage of La Sapienza University of Rome and at the Politecnico di Milano, teaching courses on the design and site supervision of <u>Monumental Restoration and Conservation</u> projects. • Member and Board Member of Assorestauro – Italian Association for Architectural, Artistic and Urban Restoration. • Member of the Scientific Committee of the Fondazione Brescia Musei. • <u>Specialisation diploma in Monument Restoration</u>, registered under no. 6 on 15 May 1995 at the Politecnico di Milano, Faculty of Architecture • “Update course on Architectural Restoration and Building Consolidation” organised by the “Centre for Study and Research on the Conservation of Architectural Heritage” at the Faculty of Engineering of the University of Brescia; • <u>“Level 3 Expert in Testing in the field of Cultural Heritage Conservation with regard to architectural structures”</u>, certificate issued on 17/2/2006 by CICIPND of Milan; • <u>Listed among the professionals</u> qualified for Fire Prevention under Ministerial Decree of 25 March 1985 pursuant to Law 818/84, no. BS02123100512 • <u>Conservator-Restorer of Cultural Heritage</u>, listed on the Ministerial registers for sectors 1 (stone, mosaic and related materials), 2 (decorated architectural surfaces), 8 (materials and artefacts in metal and alloys)
RELATIONAL AND ORGANISATIONAL SKILLS	The entire professional career of Eng. Nicola Berlucchi has been devoted to the field of monumental architectural restoration: he has tackled every specialist aspect of the sector, thereby accumulating extensive experience both in the conservation and restoration of surfaces and in architectural and structural consolidation. In his experience relating to monumental diagnostics and design, he has had the opportunity to collaborate with some of the most eminent experts in the field, including

Professors G. Alessandrini, A. Bellini, L. Binda, G. Biscontin, G. Capponi, G. Carbonara, M. Cordaro, G. Croci, S. Della Torre, H. De Varine, M. Dezzi Bardeschi, L. Lazzarini, G. Macchi, I. Massari, M. Tabasso, G. Torraca, E. Vassallo, and more than thirty Superintendents.

Graduated in structural engineering, specialised in Monument Restoration, he **directed for 10 years the diagnostic investigation laboratory Il Cenacolo srl (Rome)**, conducting and coordinating **more than 300 diagnostic surveys on monuments** covering every aspect of conservation and decay; he carried out and/or directed major works on behalf of specialised firms, including significant façades on the Grand Canal, the façade of Palazzo del Giardino in Parma, the interior of the **Basilica of San Petronio in Bologna**, the monumental Fountain of Hercules and Antaeus at Villa di Castello (Florence), the Cryptoporticus of the Royal Palace of Caserta, the **façades of S. Maria in Vallicella**, the **Basilica of St. Peter**, the façades of the three Palaces on the Capitoline Hill, Palazzo Venezia, Castel Sant'Angelo, the **Cathedral of Siena**, the Temple of Concordia, the **Cathedral of Trani**, the **Cathedral of San Nicola of Bari**, the Teatro La Fenice, and Palazzo Piccolomini in Pienza.

He has **directed restoration works on monumental stone surfaces on behalf of various companies**, including: restoration and creation of a copy of the Renaissance Fountain of Hercules and Antaeus (Tribolo and Giambologna) at Villa Medicea di Castello, façades of Palazzo Manin and Palazzo Grimani a S. Luca in Venice, restoration of the Roman Amphitheatre of Lecce, roofing of the Artillery buildings of the Venice Arsenal, consolidation of the Church of San Petronio in Bologna, replacement of a capital of the Temple of Concordia, and reconstruction of the Shirvan Palace in Baku (Azerbaijan). He has drawn up restoration projects as designer or co-designer for the façades of Palazzo dei Conservatori* on the Capitoline Hill, Palazzo Corner, Palazzo Corner Spinelli (Codussi), Ca' Rezzonico, San Simeon Piccolo (all on the Grand Canal in Venice), Teatro La Fenice, Siena Cathedral*, **Brescia Cathedral**, the Temple of Concordia* in Agrigento, Palazzo della Loggia in Brescia (1492), the Shirvanshahs Complex* in Baku, and the Sheki Khans' Palace* in Sheki (Azerbaijan). *(UNESCO monuments)

He has been **designer and/or site manager and/or consultant for the executive design of category Id restoration sites worth more than 100 million euros**, including the restoration and reconstruction of the entire decorative apparatus of Teatro La Fenice, the construction of the new library of the University of Brescia, the restoration of the **San Benedetto Po Monastic Complex**, the restoration of the Temple of Concordia in Agrigento, of Brescia Cathedral, of the façade of Siena Cathedral, and of the main monuments of Azerbaijan, among others.

He served as Technical Director-Restorer for the Violi company and coordinated for over 3 years the restoration works on the Michelangelo apse of the Basilica of St. Peter in the Vatican.

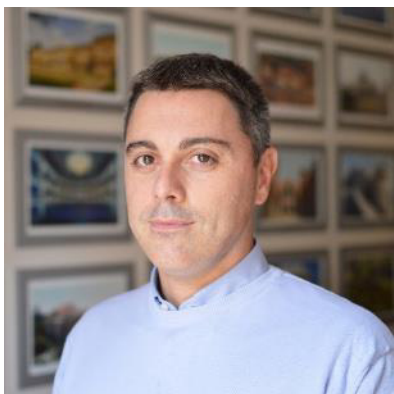
He is **consultant to the Presidency of the Republic of Turkey** for the restoration of the Ulu Camii Hospital/Mosque* in Divriği and **consultant to the Directorate General of Foundations for major Turkish monuments in Istanbul, Enez and Sivas projects.**

He won the Silver Medal at the first Competition in 2009 for the best restoration between 2001 and 2011 at the Ferrara Restoration Fair. He won the prestigious European Union Prize/Europa Nostra Award 2014 for the best European restoration.

He has been **consultant to the Russian Ministry**, to the Moscow Government – Moscow City Cultural Heritage Department, and to ICE for training courses for Russian architects in the field of Restoration.

He has been a member of the following testing/inspection commissions:

- Recovery and enhancement works at the **Villa Reale di Monza** and its adjoining gardens, functional lot I – central block | *approximately €22 million in works.*
Structural testing officer for restoration works
 - **Structural testing officer for restoration works on the Rialto Bridge (Venice)** | *approximately €5.2 million.*
-



ARCH. SAMUELE FERLICCA

Born in Brescia on 10.11.1978

Collaborating Architect and Technical Director of Studio Berlucchi srl
restauro@studioberlucchi.it

EDUCATION AND POSITIONS	• <u>Graduated</u> in 2002 in <u>Architecture</u> at the Politecnico di Milano • <u>Self-employed professional since 2004</u>
RELATIONAL AND ORGANISATIONAL SKILLS	In 2001 he began collaborating with Studio Berlucchi s.r.l., where he deepened his experience in restoration techniques for historic buildings, in the executive design of refurbishment interventions, and in the executive architectural and urban design of tourist-hotel complexes. From 2004 to 2007 he collaborated with the Associated Architecture Firm Tortelli Frassoni, developing experience in museum installations and in the renovation of historic buildings for cultural and exhibition purposes. Over the years he has consolidated his experience as an appraiser of real estate assets securing credit exposures. Within Studio Berlucchi he currently holds the role of Technical Director. Among the recovery and restoration works followed as design and site-supervision assistant: - Villa Vergine (BS) - Casa degli Artisti (MI) - Enez Mosque (Turkey) - Borgo di Drugolo (BS) - Beretta Factory in Gardone V.T. (BS) - Palazzo Centopriori (RM) - Palazzo Martinengo della Fabbrica (BS) - Hotel Margutta (RM) - Le Saie Golf Club, Carlentini - Golf dell'Alcantara - Villa Arcadio Hotel e Resort - Arzaga Golf Club - Gardagolf Country Club - Teatro La Sena, Feltre (BN) - Teatro Comunale, Crevalcore (BO)



ENG. NICOLA FUMAGALLI

Born in Brescia on 14.12.1971

Partner and Technical Director of Studio Berlucchi srl

restauro@studioberlucchi.it

EDUCATION	• <u>Graduated</u> in December 1997 in <u>Civil Engineering, Architectural specialisation</u> at the University of Brescia; registered with the Register of Engineers of the Province of Brescia, no. 3214 • Qualified since 1999 as <u>Coordinator for health and safety</u> of workers on construction sites (pursuant to Law 494/96) • Since 2002 <u>Fire Prevention Expert</u> (pursuant to Law 818/84), registered on the list of professionals under no. BS 03214 I 00869 • <u>Bachelor's Degree in Architectural Sciences</u> at the Politecnico di Milano, Mantua campus; • Certified Energy Assessor for buildings for the Lombardy Region pursuant to D.G.R. VIII/5773 of 31 October 2007
RELATIONAL AND ORGANISATIONA L SKILLS	Over his now 20 years of professional activity, Eng. Fumagalli has developed, as a self-employed professional and as partner and project manager of the engineering firm Studio Berlucchi srl of Brescia, specific expertise in architectural and structural design and site supervision, especially in relation to renovation and restoration works and major public commissions (theatres, libraries, etc.). Since 2011 he has been Technical Director and since January 2016 Partner of Studio Berlucchi s.r.l. In the projects designed, he has often personally handled the coordination of the various specialists (architects, structural engineers, building services engineers, acoustics experts, fire prevention experts...), collaborating with major design firms throughout the country. He has also developed a particular sensitivity towards historic buildings and cultural heritage, both through his own training and through ongoing contacts and exchanges with officials from various Superintendencies for Architectural Heritage in northern Italy (Brescia, Milan, Varese, Turin, Venice). He is site safety expert, having obtained his qualification in 1999 and having held more than 30 appointments as safety coordinator. He was also a consultant to the company Ilce srl for site safety management (drafting of Health and Safety Plans, scaffold erection/removal plans, scaffolding design, etc.). In recent years he has deepened his

knowledge of roof safety, specialising in the design and installation of lifeline systems, collaborating with the firms Sicur Delta and Fischer Italia.

He is responsible for the **fire prevention** projects of Studio Berlucchi srl on public historic buildings (Teatro Pedretti in Sondrio, Historic Theatre of Legnano, Teatro Sociale and Teatro Donizetti in Bergamo) and has collaborated with leading experts (e.g. Eng. Luigi Biscardi, former Fire Brigade Commander of Bari and Brescia). In recent years he has deepened his knowledge of energy-saving design techniques.

Since May 2012 he has been personally handling seismic improvement projects on historic buildings in the Province of Mantua damaged by the earthquakes of 20 and 29 May 2012.

Since November 2009 he has been registered with the **Regional Register of Structural Testing Officers**, and has carried out several technical-administrative testing assignments for the Municipality of Brescia.

Since May 2010 he has been a member of the **Building Engineers Commission of the Brescia Order of Engineers**, with which he is developing an interesting training programme on sustainability and energy saving.

Since November 2011 he has been appointed member and chairman of the **Landscape Commission of the Municipality of Azzano Mella**.

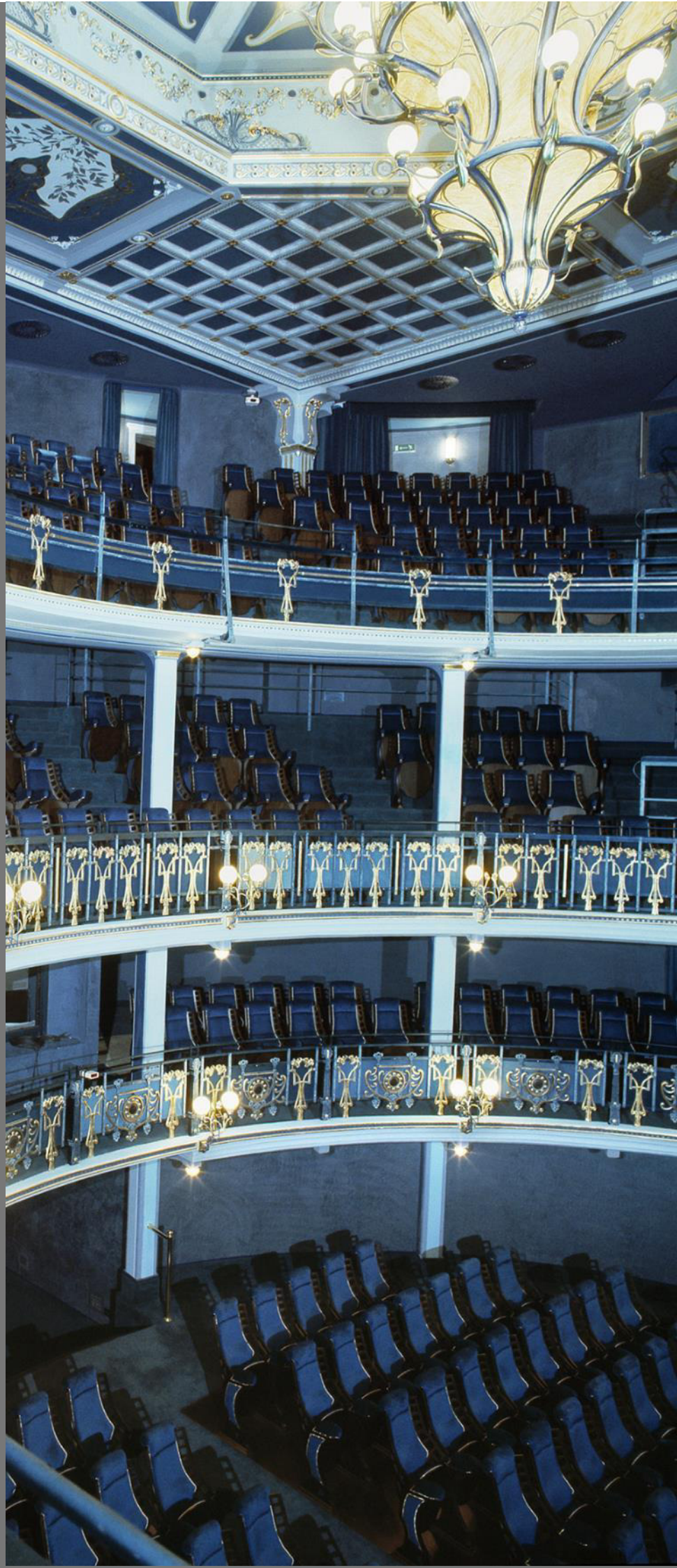
Since February 2016 he has been a **Court-Appointed Technical Consultant for the Court of Brescia and the Public Prosecutor's Office**

MAIN ASSIGNMENTS	- Restoration and regulatory upgrading of the Rinnovata Pizzigoni school complex in Milan – works value €16,000,000 – fire prevention (Type 3 school, occupancy between 501 and 800 persons), works supervisor for fire-safety works - Restoration of the Auditorium in the former SS. Filippo e Giacomo Church in Brescia – works value €700,000 – health and safety coordinator (design and execution) and fire prevention (capacity 200 persons) - Villa Reale di Monza and adjoining park buildings – works value €10,000,000 – health and safety coordinator (design and execution) - Reconstruction of the Cathedral of San Benedetto in Norcia – works value €7,500,000 – health and safety coordinator (design) - Restoration of the Teatro Valle in Rome – works value €4,500,000 – fire prevention designer and health and safety coordinator (design) - Teatro Anselmi in Pegognaga – works value €3,100,000 – health and safety coordinator (design and execution) and fire prevention - Restoration of the Piccolo Teatro della Concordia in Portomaggiore (FE) – works value €2,600,000 – health and safety coordinator (design) and fire prevention (capacity 270 persons) - Renovation of the Palaeonessa, former EIB, in Brescia – works value €6,800,000 – health and safety coordinator (execution) - Restoration of the Teatro della Società in Lecco – works value €2,400,000 – health and safety coordinator (design) and fire prevention (capacity 462 persons)
-----------------------------	--

- Teatro Studio Mila Pieralli in Scandicci – works value €2,200,000 – health and safety coordinator (design) and fire prevention (capacity 225 persons)
- Restoration of the Teatro Rinaldi in Reggio (RE) – works value €1,650,000 – health and safety coordinator (design) and fire prevention (capacity 293 persons)
-

Cà Farsetti, Venice City Hall, a listed building under Legislative Decree 42/2004 – upgrading works to obtain the Fire Prevention Certificate – €300,000 – designer

- Restoration of the Teatro Comunale of Crevalcore – works value €5,000,000 – fire prevention designer (capacity 493 persons), health and safety coordinator (design and execution)
- Teatro del Popolo of Concordia, restoration works – works value €2,000,000 – fire prevention designer, health and safety coordinator (design and execution)
- Brescia waste-to-energy plant – expansion and revamping – fire prevention designer
- Restoration and regulatory upgrading of the former Casinò del Lido in Venice – works value €10,200,000 – fire prevention designer (capacity 2,997 persons)
- Villa Arrigona in San Giacomo delle Segnate, seismic repair and improvement works – €3,900,000 – health and safety coordinator (design and execution)
- Municipality of Castiglione delle Stiviere – seismic repair and upgrading of the Municipio of Castiglione delle Stiviere – €1,900,000 – health and safety coordinator (design and execution)
- Municipality of San Benedetto Po – seismic repair and upgrading of the Municipio of San Benedetto Po – €1,500,000 – health and safety coordinator (design and execution), fire prevention
- Società Teatro Pedretti srl – final and executive design for the renovation of the Teatro Pedretti in Sondrio – €5,700,000 – project manager, safety coordinator, fire prevention designer
- Municipality of Bergamo – restoration and fire-safety upgrading project for the Teatro Donizetti in Bergamo – €19,000,000 – health and safety coordinator (design and execution) and fire prevention designer (capacity 1,221 persons)
- Fondazione Teatro Sociale di Camogli onlus – restoration project for the Teatro Sociale di Camogli (GE) – €5,300,000 – fire prevention design (capacity 499 persons)



Historic theatres and public entertainment buildings

Historic theatres and public entertainment buildings

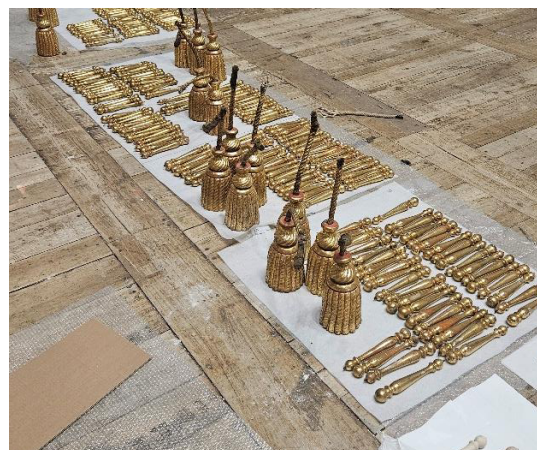
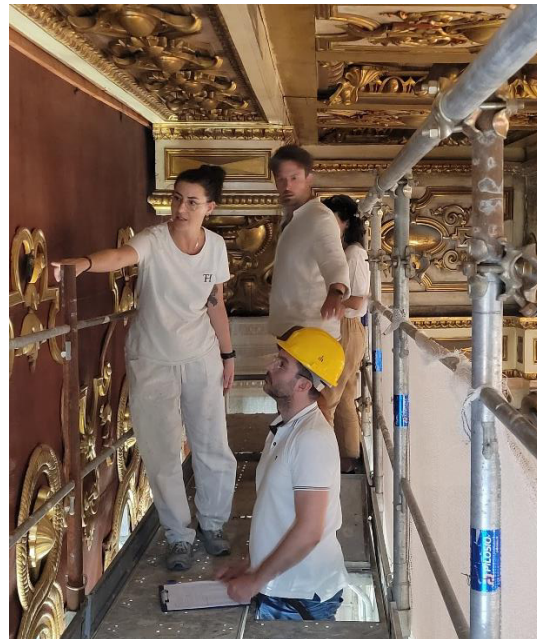
Palazzo del Popolo and Historic Theatre, Sarnano (PG)

INTERVENTION	Restoration and reinstatement with seismic improvement
ASSIGNMENT	Design
CLIENT	Municipality of Sarnano
TEAM	Studio Berlucchi (lead firm), Studio De Biasio, Contec, Caffini Impianti, Ecotec, Eng. Boscherini
WORKS VALUE	approximately €3,000,000
PERIOD	2025 – ongoing
DESCRIPTION	The Palazzo del Popolo, together with the Teatro della Vittoria and the Palazzo del Podestà, form a single block overlooking Piazza Alta in the historic centre of Sarnano. The building, constructed of load-bearing masonry and solid brick, has a rectangular plan of 19 by 14 metres and rises over three storeys. At its centre stands the Civic Tower, 23 metres high and built using the same technique. The small theatre hall on the first floor has a horseshoe-shaped plan, emphasised at the rear. The building suffered serious damage following the seismic events of August 2016 and is currently unfit for use. The seismic repair and improvement project aims to restore full functionality to the building and the theatre, to host cultural events, exhibitions and theatrical performances. Structural consolidation and reinforcement works are planned, along with the refurbishment of the theatre hall and ancillary spaces, improved accessibility, and a general upgrade of building services.



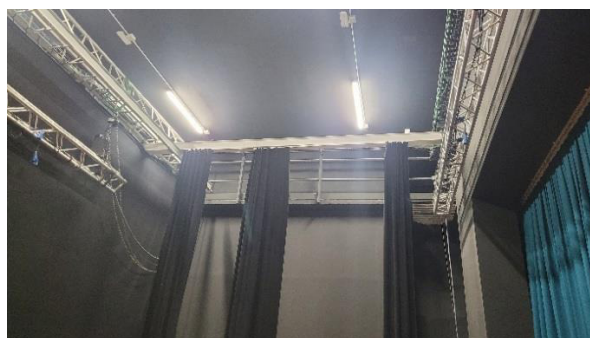
Teatro Grande, Brescia

INTERVENTION	Restoration of the armed harlequin, extraordinary maintenance of the roof
ASSIGNMENT	Design, site supervision, safety coordination
CLIENT	Fondazione Teatro Grande di Brescia
TEAM	Studio Berlucchi srl
WORKS VALUE	€1,000,000
PERIOD	2024 – ongoing
DESCRIPTION	The Teatro Grande in Brescia was founded in the seventeenth century on the initiative of the Accademia degli Erranti and today comprises an eighteenth-century block housing the entrance and the Ridotto, and a nineteenth-century auditorium built on the site of an earlier 1745 theatre. The project consists of three main interventions. The first concerns the armed harlequin, a decorative element in papier-mâché and plaster on canvas, probably dating from the 1863 restoration: conservation work on the canvas and decorations is planned, including pre-consolidation, cleaning, filling, pictorial reintegration by glazing, and replacement of the metal anchors, to ensure the stability of the work. The second intervention concerns the proscenium arch, where the anchors will be manually inspected, unstable elements removed and catalogued, then repositioned using safer fixing systems. Lastly, extraordinary maintenance of the roof involves overhauling the existing covering, installing a new slate-effect membrane, and completing the lifeline system.



Cinema Teatro Musicale, Rezzato (BS)

INTERVENTION	Upgrading of technical and building-services fit-out
ASSIGNMENT	Design, site supervision and safety coordination
CLIENT	Municipality of Rezzato
TEAM	Studio Berlucchi srl, Eng. Ercole Grisoli, Surv. Michael Pezzi
WORKS VALUE	n/a
PERIOD	2025 – ongoing
DESCRIPTION	The Cinema Teatro Musicale of Rezzato is a building constructed in the 1930s, located in the historic centre of Rezzato, in the Province of Brescia. Between 2018 and 2023 it was completely renovated: the works involved the external façades, the fittings and building services (HVAC, lighting and acoustics) of the entire hall, the entrance with the creation of a new foyer volume, and the square in front of the building. The current works mainly concern the fit-out of the theatre's stage machinery, with the construction of a non-walkable steel grid (fly loft) and the installation of the stage electrical system. Some minor works are also planned: completion of the roof fall-arrest system, blackout of the skylights above the stage, replacement of 3 external doors, installation of the cinema screen, and installation of a stairlift from the hall to the stage.



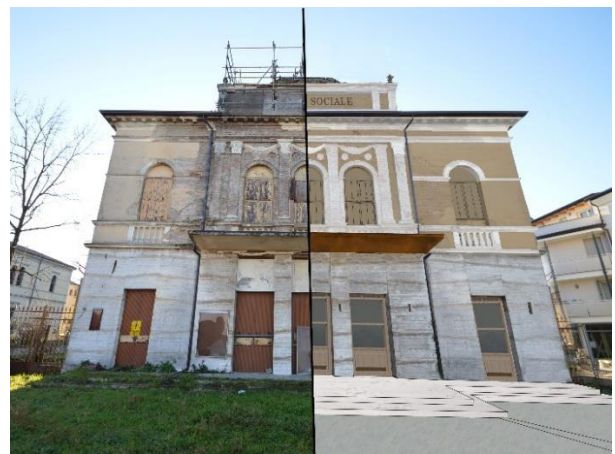
Multipurpose Hall of Palazzo Te, Mantua

INTERVENTION	Upgrading with regulatory compliance and seismic improvement
ASSIGNMENT	Design, restoration works management, safety coordination
CLIENT	Municipality of Mantua
TEAM	Di.Mo.Re. srl (lead firm), Studio Berlucchi srl, Ing4Tech srl, Erreditre Ingegneria srl
WORKS VALUE	n/a
PERIOD	2023 – ongoing
DESCRIPTION	The restoration project for the multipurpose hall adopts a conservative approach, aiming to preserve the 1980s intervention by architect Poltronieri, considered valuable for its respect and harmony with the historic building. It is a “restoration of the restoration”, aimed at maintaining and adapting the modern fit-out while eliminating functional shortcomings. The interventions will ensure reversibility, using dry-assembly materials to facilitate any future reinstatement. Building services will be integrated in a way that respects the historical and architectural identity, with non-invasive ducting. Seismic strengthening will also follow criteria compatible with the existing structures. Finally, the project includes solutions for removing architectural barriers, such as ramps and accessible bathrooms, ensuring full usability of the spaces.



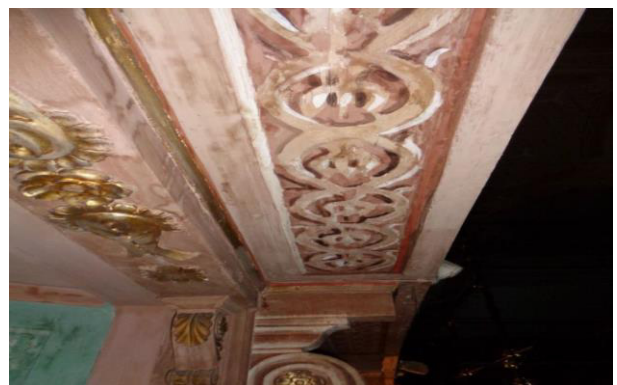
Teatro Guido, Suzzara (MN)

INTERVENTION	Restoration and regulatory upgrading
ASSIGNMENT	Design, site supervision, safety
CLIENT	Municipality of Suzzara
TEAM	Studio Berlucchi srl, Studio Tecnico Impianti
WORKS VALUE	€4,930,000
PERIOD	2017 – ongoing
DESCRIPTION	The theatre was built to a design by Eng. Francesco Piazzalunga and inaugurated in September 1895. It subsequently underwent numerous restorations: the 1936-38 works gave it its new internal layout, while the current façade is the result of works carried out in 1956. The building has been closed and abandoned since 1983. The project, following a conservative approach, was carried out in two phases: the first (2017) concerned the restoration of the façades and the creation of new external spaces around the theatre; the second, the restoration, recovery and regulatory upgrading of the entire theatre (2022-2023), taking into account the building's two main historical phases – its nineteenth-century theatrical use and its subsequent conversion into a cinema. As these phases are now intertwined and inseparable, it was decided to preserve the building's dual vocation. Alongside the more specifically building and structural works on certain parts of the building, works will also be carried out to bring the building into compliance with current building-services, safety and fire-prevention regulations.



Teatro Rinaldi, Reggiolo (RE)

INTERVENTION	Restoration and reinstatement with local strengthening
ASSIGNMENT	Design and site supervision
CLIENT	Municipality of Reggiolo
TEAM	Studio Berlucchi
WORKS VALUE	approximately €1,650,000
PERIOD	2020 – ongoing
DESCRIPTION	The Teatro Rinaldi in Reggiolo was inaugurated in 1838 and built to a design by engineer Luigi Sottili, who had to adapt the layout of the new structure – fitted with a hall and three tiers of elongated horseshoe-shaped boxes – to the existing masonry shell. The aim of the project is to reopen and restore the functionality of the theatre. Alongside the more specifically building and structural works needed to bring certain parts of the structure up to code, works will also be carried out to bring the building into compliance with current building-services, safety and fire-prevention regulations. However, the core of this project lies in the major restoration works planned for the timber elements making up the box-tier framework of the hall. Inside, a pilot worksite was carried out on a second-tier box, where all the main operations involved in restoring the decorated timber surfaces were sampled and tested.



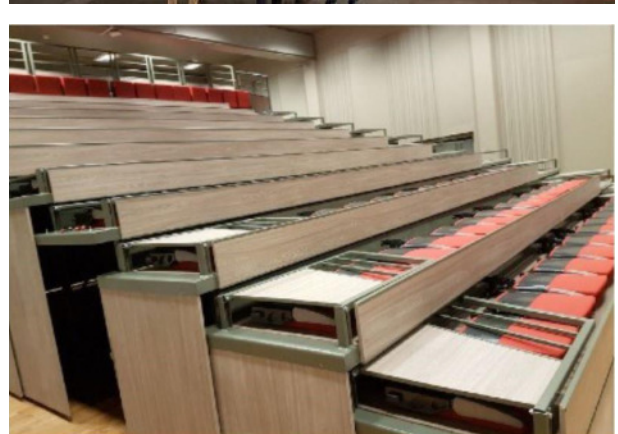
Teatro Comunale, Crevalcore (BO)

INTERVENTION	Restoration and reinstatement with seismic improvement
ASSIGNMENT	Preliminary-final design, executive design, the site supervision* , safety coordination
CLIENT	Municipality of Crevalcore
TEAM	Studio Berlucchi (lead firm), Comes Studio Associato Eng. Raphel Caratti Eng. Manuel Cattani, Eng. Luca Longhi, Arch. Alessandro Traldi Eng. Fabrizio Sottili
WORKS VALUE	approximately €4,700,000
PERIOD	2018 – ongoing*
DESCRIPTION	Built between 1874 and 1881 to a design by Antonio Giordani, the Teatro Comunale of Crevalcore is a building in the tradition of the Italian-style theatre, with a horseshoe-shaped hall and a timber box structure over three tiers. The decorations are attributed to Gaetano Lodi, a Crevalcore-born artist active from 1857. The 2012 earthquake caused extensive damage to the structure, rendering it unfit for use. The works will involve reorganising the internal circulation routes for the public and staff, rebuilding the dressing rooms and the external volume of the boiler room (incorporating a fire-fighting water tank), the conservative restoration of the façades and all internal decorated surfaces, new finishes where the originals cannot be recovered, removal of architectural barriers, structural consolidation, new compliant building services, reorganisation of all technical spaces, and the construction of a new compartmentalised air-handling unit room in the roof space.



Teatro Studio Mila Pieralli, Scandicci (FI)

INTERVENTION	Upgrading and regulatory compliance
ASSIGNMENT	Final design, executive design, site supervision* , safety coordination
CLIENT	Municipality of Scandicci (FI)
TEAM	Studio Berlucchi (lead firm) Eng. Trebeschi
WORKS VALUE	approximately €2,250,000
PERIOD	2019 – ongoing*
DESCRIPTION	An example of an innovative and experimental theatre space, it began life as a school gymnasium and was later, in the 1980s, the subject of major renovation works designed by Eng. Bacci. Among the main objectives of the overall renovation are the upgrading of the theatre hall, the entrance and the foyer, a change of use for the two side wings of the theatre through the addition of a new meeting/conference room with independent access from the theatre and a new storage space (currently absent from the building), and the installation of a platform lift to ensure accessibility to the upper floors for people with reduced mobility and disabilities. An extension is planned alongside the main entrance, to be used as a bar both during performances and when the theatre is closed. On the first floor, the walkable roof of the extension could be used as a terrace. The hall will be fitted with a telescopic tiered seating system to ensure maximum flexibility for stage sets and the different types of performance possible.



Teatro della Società, Lecco

INTERVENTION	Functional recovery and reopening of the theatre hall
ASSIGNMENT	Final design, executive design, site supervision, safety coordination
CLIENT	Municipality of Lecco
TEAM	Studio Berlucchi (lead firm) ICONIA Ingegneria Arch. Andrea Piero Donadello STI Studio Tecnico Impianti
WORKS VALUE	approximately €2,400,000
PERIOD	2018 - 2024
DESCRIPTION	The Teatro della Società is the oldest theatre in Lecco, built between 1833 and 1844 to a design by architect Bovara; its historic core is neoclassical. The building has undergone restoration and extension works, the most significant carried out in 1884. Declared unsafe in 1951, it narrowly escaped demolition. The restoration project, completed in 1969 by architect Gianni Rigoli, was followed in 1979 by the execution on the hall ceiling of the fresco by painter Orlando Sora depicting the Ages of Life. In the 1980s and 1990s only building-services maintenance was carried out. The planned intervention aims to reopen the theatre. The works mainly concern obtaining the Fire Prevention Certificate, structural works and building-services maintenance, as well as functional upgrading and the reopening of the bar. During the works it was discovered that the plaster support beneath the Sora painting contained asbestos. A detachment ("strappo") operation was therefore designed and carried out, along with complete remediation, reconstruction of the support, and reattachment of the fresco.



Piccolo Teatro della Concordia, Portomaggiore

INTERVENTION	Restoration and recovery, with seismic improvement
ASSIGNMENT	Final design, executive design, site supervision* and safety
CLIENT	Municipality of Portomaggiore
TEAM	Studio Berlucchi (lead firm), Eng. Cova, Eng. Trebeschi
WORKS VALUE	approximately €2,400,000
PERIOD	2020 – ongoing*

DESCRIPTION

Built between 1840 and 1843 to a design attributed to Arch. Eng. Giovanni Tosi and inaugurated in 1844, it is an “Italian-style” theatre. The building, closed to theatrical use for around 70 years, has undergone some works since the 1980s to refurbish the front block and rebuild the roof.

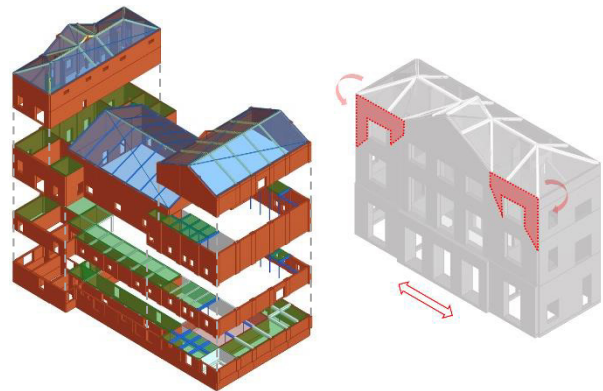
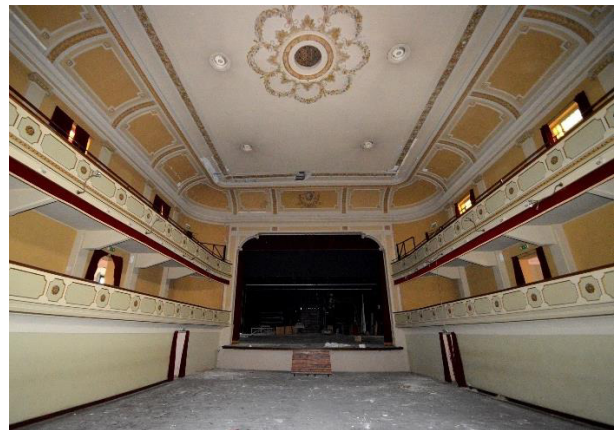
The overall restoration and recovery project aims to reopen the theatre.

The hall and the stage tower will undergo a comprehensive restoration. The structures will be consolidated and the timber boxes restored. The now-lost stalls and stage will be rebuilt in the same position and with the same slope as the historic originals; the orchestra pit, fitted with a retractable structure, will also be reinstated. Among the most delicate issues is that of the hall’s large ceiling, whose central portion has been irretrievably lost. Various solutions were considered. The central void will be reintegrated with a horizontal membrane of timber slats, anchored to the existing structure. The result will read as a continuous, finished surface, without trivialising the space.



Teatro Comunale “Anselmi”, Pegognaga, Mantua

INTERVENTION	Restoration with reinstatement and seismic improvement
ASSIGNMENT	Technical and economic feasibility study, final design, executive design, site supervision* , safety coordination
CLIENT	Municipality of Pegognaga
TEAM	Studio Berlucchi (lead firm), STI Studio Tecnico Impianti
WORKS VALUE	approximately €4,170,000
PERIOD	2018 – *ongoing
DESCRIPTION	Built in 1926-27 to a design by municipal technician Luigi Carnesalini, the Teatro Comunale “G. Anselmi” of Pegognaga, formerly Teatro Littorio, suffered extensive earthquake damage during the 2012 seismic event. The building, with a mixed masonry and reinforced-concrete structure, comprises three main volumes: the front block housing all the reception functions, the theatre hall, and the stage tower. The project aims to repair the structural damage and improve the seismic performance of the theatre, leading to a general review of regulatory, building-services and layout aspects ahead of its reopening. In particular, masonry consolidation works using low-invasiveness techniques are planned, along with surface repair and repainting. Internally, the project aims to restore the original direct connection between the foyer and the monumental staircase, to create a new orchestra pit, and to redistribute seating in the stalls and two galleries, for a total capacity of 420 seats.



Teatro Rossini, Pesaro

INTERVENTION	Renovation of the Sala della Repubblica
ASSIGNMENT	Design, site supervision and safety
CLIENT	Municipality of Pesaro
TEAM	Startt srl (lead firm), Studio Berlucchi srl, Eng. Laura Reggiani, Ingegneri Patscheider & Partner srl
WORKS VALUE	approximately €1,750,000
PERIOD	2020 - 2023



Teatro La Sena, Feltre, Belluno

INTERVENTION	Functional completion with local repair works
ASSIGNMENT	Preliminary, final and executive design
CLIENT	Municipality of Feltre
TEAM	Studio Martini Ingegneria Studio Berlucchi
WORKS VALUE	approximately €1,530,000
PERIOD	2017 - 2019



Teatro Valle, Rome

INTERVENTION	Restoration and regulatory upgrading
ASSIGNMENT	Final and executive design Restoration Works Supervision*
CLIENT	Sovrintendenza Capitolina ai Beni Culturali
TEAM	Studio Berlucchi (lead firm), SPC srl, Studio Trisciuglio, Arch. Carlotta Cocco, Treunoquattro srl, Dr. Leonida Pelagalli, Dr. Fabrizia Puca, Eng. Manuel Cattani
WORKS VALUE	approximately €4,500,000
PERIOD	2019 – *ongoing
DESCRIPTION	The Teatro Valle originated in the eighteenth century from the demolition of the sixteenth-century Palazzo Della Valle complex (later Capranica), which was built in timber; in 1791 it was rebuilt in masonry. It was, however, with Valadier's 1821 intervention that the theatre reached its present configuration. The restoration project provides for a comprehensive upgrade of the entire architectural complex. The hall will undergo conservative restoration of the boxes and the valuable decorative apparatus of the cavea and the ceiling. The worn flooring and existing wall coverings will be replaced. On Via del Teatro Valle, a new reception area is planned for the box office, cloakroom and bar, and a new lift will be installed for the public. In the stage-tower area a new volume will be built for the dressing rooms, and the entire stage machinery will be rebuilt. All heating and air-conditioning systems will be replaced, along with a series of structural consolidation works to ensure the building's safety.



Teatro San Carlo, Naples

INTERVENTION	Completion and restoration works
ASSIGNMENT	Design and safety
CLIENT	MIBACT – Regional Secretariat of Campania
TEAM	B5 srl Studio Berlucchi srl S.A.B. srl S.P.C. srl
WORKS VALUE	approximately €7,400,000
PERIOD	2020 - 2023
DESCRIPTION	The Teatro San Carlo is one of the most important theatres in the world; founded in 1737, it is now included in the UNESCO World Heritage list. The construction of this theatre was so revolutionary that it became the model for the Italian-style theatre typology. The works planned under the project are of various types. They include replacing the stage decking and the hall's parquet flooring, and revising the fixing system for the stalls seating. The restoration was carried out of the ceiling and Cammarano's canvas, the agremano trim, the proscenium arch, the proscenium clock, the base band of the stalls, the balustrade of the orchestra pit, and the vault of the passetto corridor. Cracks found in the vaults, arches and masonry were repaired. Major work was carried out to overhaul the entire heating, electrical, fire-prevention and air-conditioning systems, along with new fire-rated doors and new lifts and goods hoists.



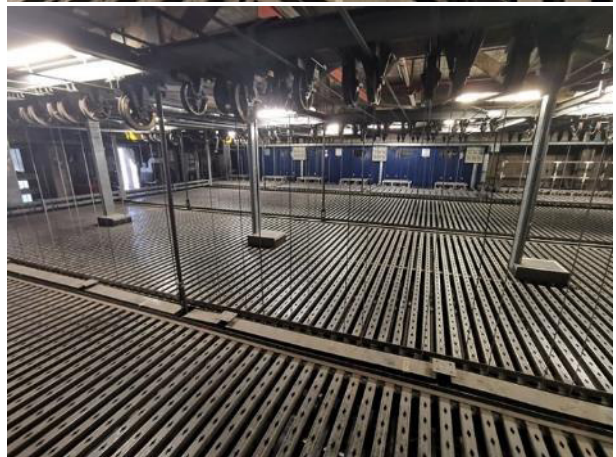
Teatro del Popolo, Concordia sulla Secchia, Modena

INTERVENTION	Restoration with reinstatement and seismic improvement
ASSIGNMENT	Final design-executive design, Site Supervision, Safety Coordination
CLIENT	Municipality of Concordia sulla Secchia (MO)
TEAM	Comes Studio Associato Studio Berlucchi Eng. Raphael Caratti Marmioli srl Geol. Giulio Moscardi
WORKS VALUE	approximately €2,840,000
PERIOD	2018 - 2023
DESCRIPTION	The Teatro di Concordia, a building constructed during the Fascist era, was damaged by the 2012 earthquake. The restoration works covered the entire structure for seismic improvement, fire-safety upgrading and the renewal of all building services. The structural works were substantial, including straightening the side walls of the stage tower and consolidating the extrados of the large Perret ceiling of the theatre hall, carried out with full respect for the decorated surfaces below. A significant effort was made to integrate and mitigate the aesthetic impact of the building services within the historic architecture. Great attention was paid to restoring and improving the acoustic quality of the theatre hall, with integrated solutions allowing the public to once again enjoy decorations that had previously been hidden. The new light fittings and the rediscovered warm colour tones lend the spaces an elegant and evocative atmosphere.



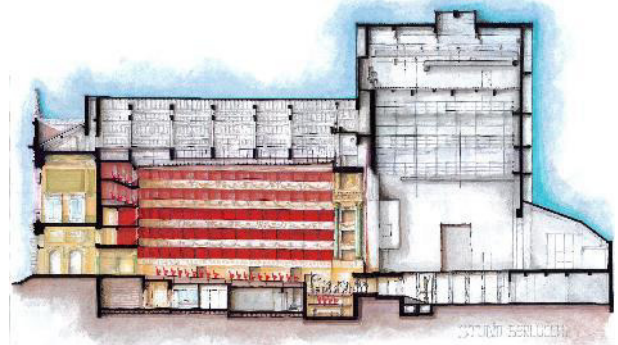
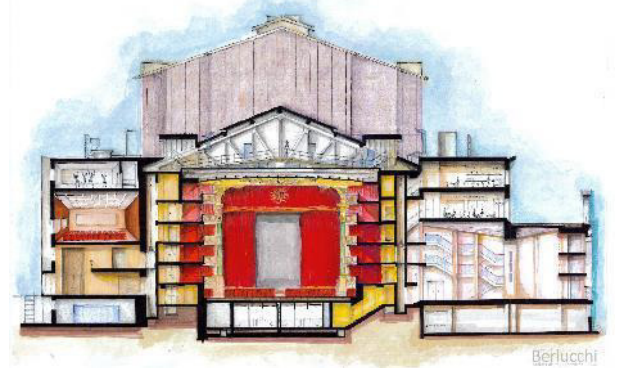
Teatro Regio, Turin

INTERVENTION	Upgrading works to the stage machinery
ASSIGNMENT	Site Supervision
CLIENT	Fondazione Teatro Regio di Torino
TEAM	Studio Berlucchi srl Eng. Silvano Cova
WORKS VALUE	approximately €3,500,000
PERIOD	2021 - 2023
DESCRIPTION	The assignment consisted of site supervision for the theatre's new stage machinery. The works were carried out in two separate phases: the first dedicated to the upper stage mechanics, and the second focused on the lower stage mechanics of the main hall and on the stage and house lighting of the Piccolo Regio. In the first lot, relating to the upper mechanics, the fly-system winches, the light battens, the house curtain and a pelmet were replaced; the orchestra ceiling, mobile towers, multiple manual-coupling flying bars, mobile gantry and two fire safety curtains were instead only upgraded electrically and electronically, while retaining the existing mechanical structure. The second lot covered the electrical and electronic upgrading of six mobile bridges and the orchestra bridge, as well as sloped mobile bridges, side wagons and a rear wagon. Everything is managed by a new control system. The stage lighting control equipment of the Piccolo Regio was also replaced.



Teatro "G. Donizetti", Bergamo

INTERVENTION	Restoration and regulatory upgrading
ASSIGNMENT	Final design, executive design, site supervision and safety coordination
CLIENT	Fondazione Teatro Donizetti
TEAM	Studio Berlucchi (lead firm), Aldo Rossi Associati SPC s.r.l. Intertecnica Group s.r.l. Geogrà s.r.l. Eng. F. Malgrande Müller BBM Eng. L. Biscardi Prof. A.M. Testaverde Surv. P. Dolci
WORKS VALUE	approximately €19,358,000
PERIOD	2007 - 2022
DESCRIPTION	The restoration and architectural recovery works on the theatre arose from the need to comply with current safety and fire-prevention regulations. The project therefore combines, on one hand, regulatory compliance and functional rationalisation of the spaces, with a better organisation of circulation routes, technical rooms and stage-support facilities, and on the other, a comprehensive external architectural intervention to breathe new life into a building of importance within the lower town in which it stands. Following a thorough investigation campaign, conservative restoration works were also planned for the theatre hall, the foyer and the entrance areas.



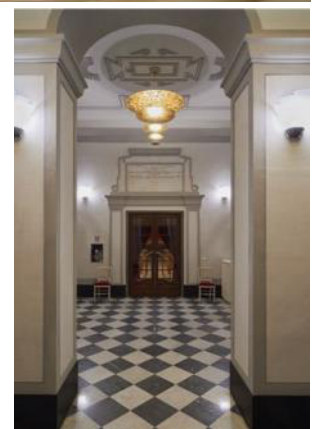
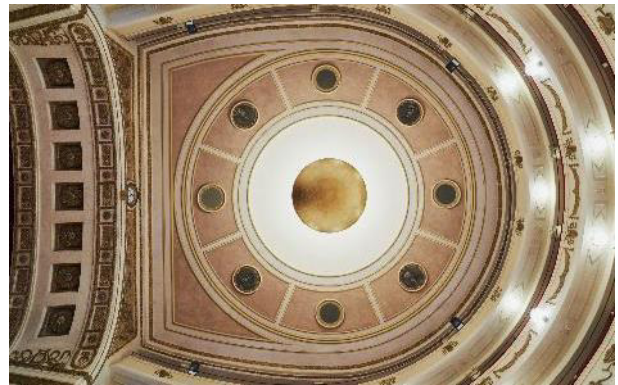
Teatro Sociale “Pedretti”, Sondrio

INTERVENTION	Restoration and functional recovery
ASSIGNMENT	Final and executive design
CLIENT	Municipality of Sondrio
TEAM	Studio Berlucchi Foppoli e Moretta Associati Müller BBM
WORKS VALUE	approximately €5,760,000
PERIOD	2010-2015
DESCRIPTION	The works on the Teatro Pedretti in Sondrio were developed at the intersection of the conservation needs of the historic building and the requirements for technological, performance and functional improvement. On one hand, the restoration project preserved the original layout and style, enhancing certain elements such as the main lobby and keeping demolition to a minimum. At the same time, the firm proposed renewing the building services and restyling the hall to improve acoustic and aesthetic performance, while respecting the history and context in which the theatre stands. The hall has the appearance of a large wooden sounding box, made with acoustic panels clad in timber for the walls and a sound-reflective reinforced-plasterboard suspended ceiling compliant with fire brigade regulations, curved to meet the acoustic requirements.



Teatro Sociale, Camogli, Genoa

INTERVENTION	Restoration and regulatory upgrading
ASSIGNMENT	Final and executive design and site supervision
CLIENT	Fondazione Teatro Sociale di Camogli Onlus
TEAM	Studio Berlucchi (lead firm) Aldo Rossi Associati, SPC srl Intertecnica Group srl, Geogrà srl Studio De Carlo Associati Arch. Nicola Chiari Eng. Franco Malgrande Eng. Luigi Biscardi Rest. Gianluca Regoli
WORKS VALUE	approximately €6,830,000
PERIOD	2010 - 2016
DESCRIPTION	The intervention, covering an area of 3,100 sq. m, achieved the notable result of seismic upgrading, verified using a finite-element model of the box structure and made possible by consolidating the central spine running the full height of the theatre. The supporting beams of the boxes, the roof trusses, the fly-gallery structure and the columns were also reinforced, the latter through the addition of carbon-fibre wrapping. As for the surfaces, following an in-depth diagnostic campaign, appropriate restoration works were designed. In particular, colour-study panels were produced for the external façades, while sampling was carried out for the interiors to allow careful philological reconstruction of the foyer decorations.



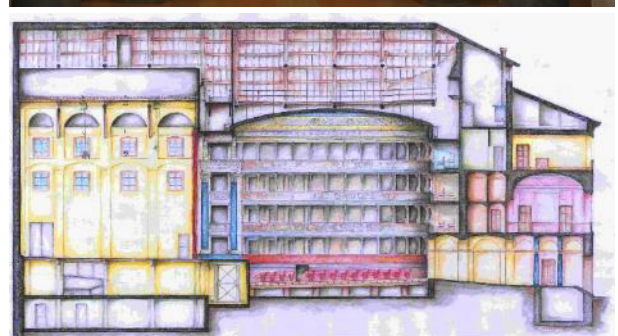
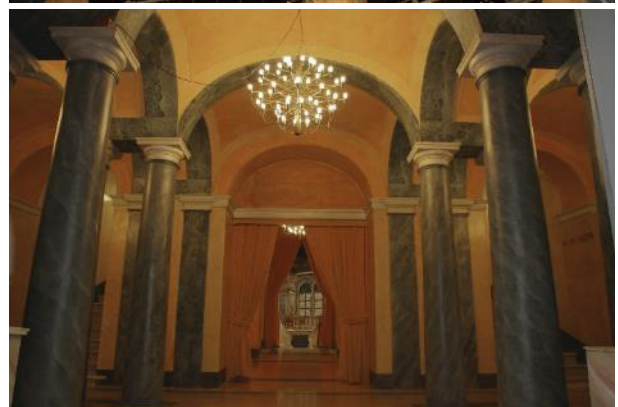
Historic Theatre of Legnano, Milan

INTERVENTION	Restoration and regulatory upgrading
ASSIGNMENT	Final and executive design and site supervision
CLIENT	Municipality of Legnano
TEAM	Studio Berlucchi (lead firm) Eng. Dell'Acqua & Associati Arch. Nicola Chiari
WORKS VALUE	approximately €6,830,000
PERIOD	2010 - 2016
DESCRIPTION	The intervention, covering an area of 3,100 sq. m, achieved the notable result of seismic upgrading, verified using a finite-element model of the box structure and made possible by consolidating the central spine running the full height of the theatre. The supporting beams of the boxes, the roof trusses, the fly-gallery structure and the columns were also reinforced, the latter through the addition of carbon-fibre wrapping. As for the surfaces, following an in-depth diagnostic campaign, appropriate restoration works were designed. In particular, colour-study panels were produced for the external façades, while sampling was carried out for the interiors to allow careful philological reconstruction of the foyer decorations.



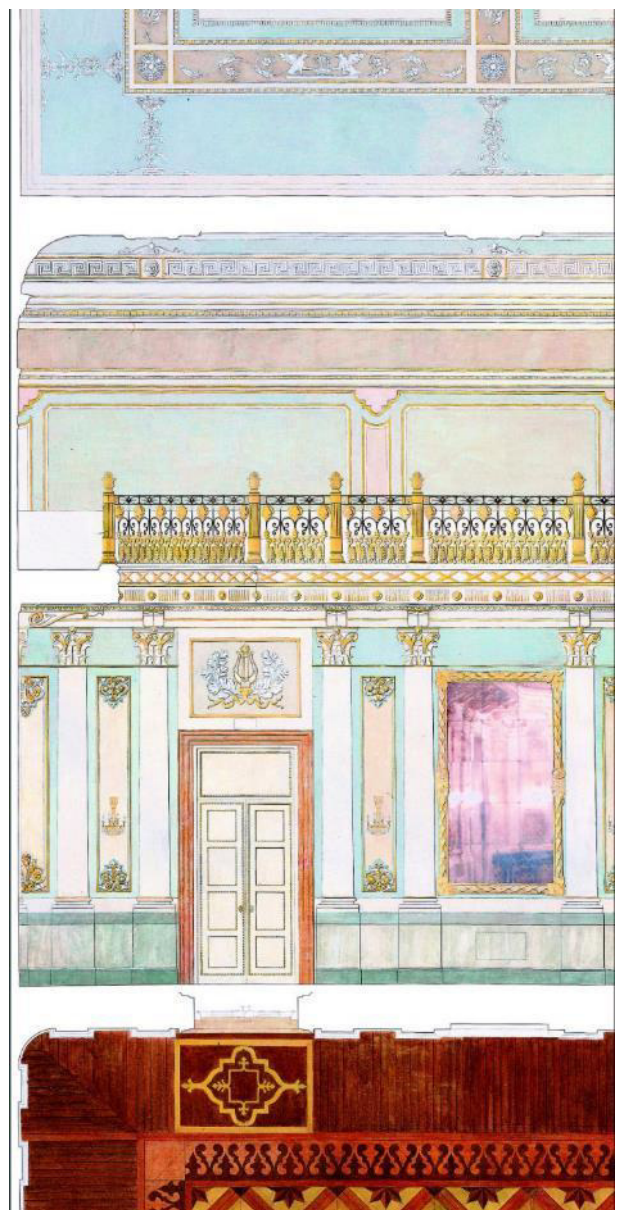
Teatro Sociale, Bergamo

INTERVENTION	Restoration and regulatory upgrading
ASSIGNMENT	Preliminary, final and executive design and site supervision
CLIENT	Municipality of Bergamo
TEAM	Studio Berlucchi (lead firm) SPC srl Inter Tecnica Group srl Arch. Silvano Pezzetti
WORKS VALUE	approximately €6,400,000
PERIOD	2004-2011
DESCRIPTION	The intervention concerns the restoration of the theatre, a historic building constructed in the heart of the upper town to a design by L. Pollack and inaugurated in 1808. Following decades of neglect, it was necessary to intervene on every aspect of the theatre in order to reopen it. The building's most significant feature is the monumental timber box structure, which was fully reinforced and preserved, as were the stage tower and the fly gallery. Following in-depth material-survey studies, major restoration works were also designed and carried out on the decorated plasterwork of the entrance foyer and the corridors leading to the boxes. As for the boxes in particular, structural consolidation was accompanied by a colour study for the restoration of the internal decorations, the parapets and the original ceiling decorations.



Teatro La Fenice, Venice

INTERVENTION	Post-fire restoration works
ASSIGNMENT	Executive design and works supervision for the restoration of the decorative apparatus
CLIENT	Municipality of Venice
TEAM	Aldo Rossi Associati Studio di Ingegneria E. Guenzani Studio Berlucchi
WORKS VALUE	approximately €13,400,000
PERIOD	1999-2002
DESCRIPTION	The executive design, part of the theatre's reconstruction developed by Prof. Arch. Aldo Rossi, comprised two parts: the conservation of the Sale Apollinee, which had only been damaged by the fire, and the complete reconstruction of the missing decorations in the theatre hall. Before proceeding with the works themselves, a complete, highly detailed flat representation of the entire decorative apparatus was produced, based on accurate photographic documentation drawn from archival research as well as in-depth study of documentary sources. Within the Sale Apollinee, the portions that survived the fire were preserved and a philological reconstruction was made of the missing parts. As for the decorative apparatus of the cavea, full-scale models were first produced, and great care was taken in reproducing the same materials and finishes used before the fire, in particular selecting timber species, stuccoes and plasters that would not alter the theatre's original acoustics.

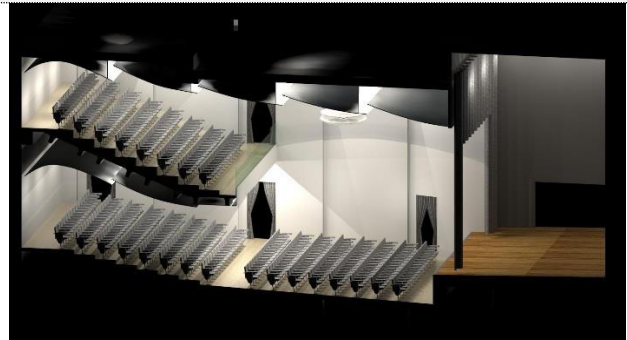


Auditorium, former Chiesa dei Disciplini, Calcinato, Brescia

INTERVENTION	Reuse project and restoration of frescoed surfaces	
ASSIGNMENT	Preliminary, final and executive design and site supervision	
CLIENT	Parish of Calcinato	
TEAM	Studio Berlucchi	
WORKS VALUE	approximately €400,000	
PERIOD	2001 - 2004	
DESCRIPTION	The works involved the restoration and conservative repair of the ancient Chiesa dei Disciplini, previously converted into the Cinema Bertini and now intended as an auditorium and conference hall. The first phase involved examining the decorative apparatus, which led to the discovery of widespread inconsistency in the plasterwork and several layers of frescoes datable from the mid-16th to the 19th century, found superimposed in some parts of the church. The architectural intervention aimed to keep any demolition or alteration – whether of the masonry structure or of the surface decorations – to a minimum; the decorations were instead restored as fully as possible to enhance the value of the auditorium itself, which retained its pre-existing volumes.	 

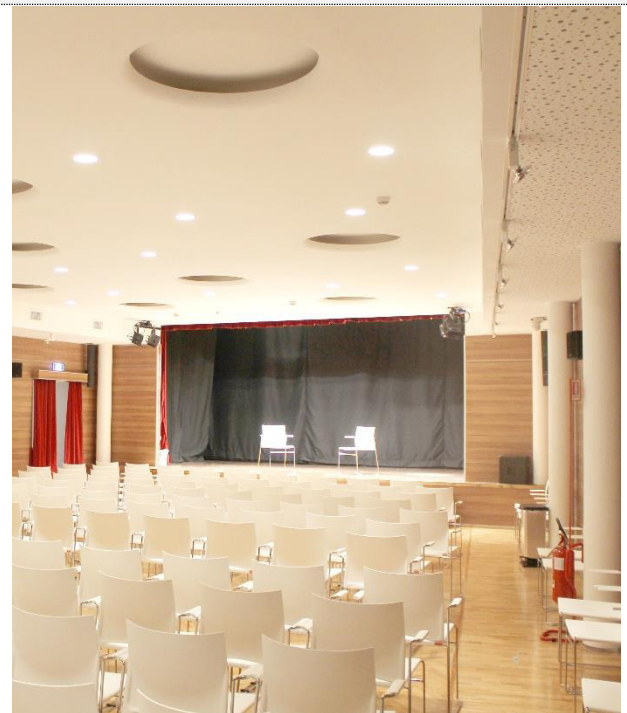
Teatro “Marconi”, Calcinato, Brescia

INTERVENTION	Complete renovation and functional recovery works
ASSIGNMENT	Preliminary, final and executive design
CLIENT	Municipality of Calcinato
TEAM	Studio Berlucchi (lead firm) Studio CSP Eng. Raphel Caratti
WORKS VALUE	approximately €2,200,000
PERIOD	2011-2018
DESCRIPTION	The works on the Teatro Marconi in Calcinato included the removal of architectural barriers, compliance with fire-prevention regulations, improved thermo-hygrometric comfort, and an in-depth acoustic study using 3D models and simulations.



Vecchio Mulino Multipurpose Hall, Nuvolento, Brescia

INTERVENTION	Complete renovation and functional recovery works
ASSIGNMENT	Executive design and site supervision
CLIENT	Municipality of Nuvolento
TEAM	Studio Berlucchi
WORKS VALUE	approximately €270,000
PERIOD	2012-2013
DESCRIPTION	The former Vecchio Mulino building underwent a complete renovation, culminating in a carefully designed multipurpose hall with finishing materials chosen to optimise the interior acoustics. A detailed lighting-design study was also carried out to ensure the quality of the artificial lighting and its aesthetic appearance.



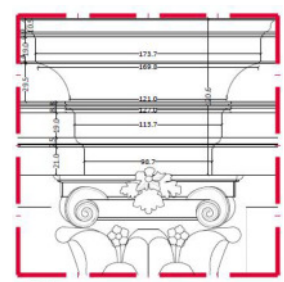
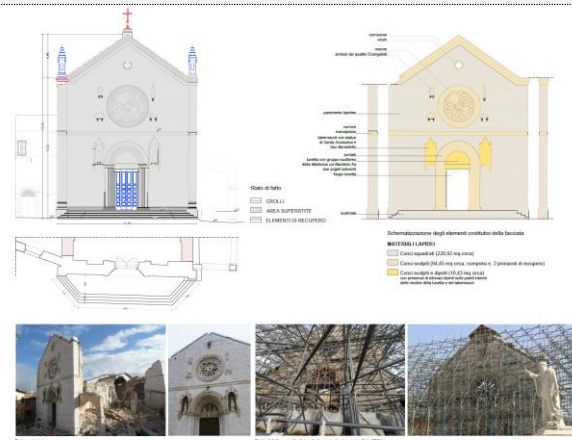


Religious buildings

Religious buildings

Church of San Benedetto, Norcia (PG)

INTERVENTION	Post-earthquake restoration and recovery
ASSIGNMENT	Architectural and structural design, works supervision
CLIENT	MIC – Office of the Special Superintendent for the Areas Affected by the Earthquake of 24 August 2016
TEAM	Studio Berlucchi srl, Comes Studio Associato, GM Engineering, Moscardi, Micheli
WORKS VALUE	€8,000,000
PERIOD	2020 - 2025
DESCRIPTION	The design approach is based on the principles of philological reconstruction, through analysis of the historical iconography and the surviving decorations, using traditional materials without accentuating the contrast between new and old, while still keeping them distinguishable. The basilica was characterised by modest materials such as stucco and plaster, imitating marble and rich decorations: this simplicity will also be preserved in the reconstruction. The project will reinstate the eighteenth-century appearance, characterised by the large coffered timber ceiling and painted canvases that covered the nave (removed in 1950), whose geometry is reconstructed in simplified form using timber slats placed side by side. The façade, which survived the collapse, will be restored both in its stone facing and in the important statues and sculptures that adorn it. For the Portico delle Misure, the original vaults will be reinstated, replacing the timber-rafter roof that collapsed in the earthquake and that had never previously existed there.



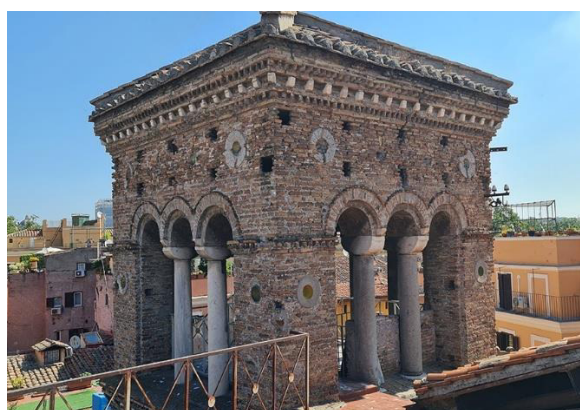
Church of San Domenico, Chioggia (VE)

INTERVENTION	Restoration, roof-covering overhaul and building-services upgrading
ASSIGNMENT	Design, site supervision* , safety coordination
CLIENT	FEC/MIT – Interregional Public Works Authority for Veneto, Trentino Alto Adige, Friuli Venezia Giulia
TEAM	Studio Berlucchi srl, Geol. Giulio Moscardi
WORKS VALUE	€200,000
PERIOD	2025 – ongoing*
DESCRIPTION	The Church of San Domenico stands on a small island within the Municipality of Chioggia, reached via the San Domenico bridge that crosses the canal of the same name. Of the original structure, only the fourteenth-century Romanesque bell tower remains; the rest of the conventual complex, including the church, is the result of works carried out in the first half of the eighteenth century. The project concerns the restoration of the frescoed sundial on the bell tower, through cleaning, consolidation and watercolour reintegration where abrasions are present, to restore visual unity to the fresco. The project includes a new LED lighting system and a new iron parapet with glass and wood-framed panels, allowing visitors to view the restored fresco from ground level, currently the only accessible floor. The roof works involve overhauling the nave roof covering with replacement of roof tiles, removal of vegetation, and restoration of the Istrian-stone flashings.



Church of Santa Maria della Luce, Rome

INTERVENTION	Seismic safety and restoration of the Fondo Edifici di Culto (FEC) heritage
ASSIGNMENT	Design, safety and works supervision*
CLIENT	MIC – Special Superintendency for Archaeology, Fine Arts and Landscape of Rome
TEAM	Studio Berlucchi srl, Dr. Geol. Giulio Moscardi
WORKS VALUE	€325,000
PERIOD	2023 – ongoing*
DESCRIPTION	The Church of Santa Maria della Luce, in the Trastevere district of Rome, retains a twelfth-century medieval layout, transformed in the eighteenth century by Gabriele Valvassori and, in 1821, with a new façade designed by Bartolomeo Condussi. The restoration and conservative-repair project provides for reinstating the original spatial layout of the sacristy, through the demolition of later partition walls, restoration of the walls, and polishing of the marble flooring. The façade, affected by widespread deterioration, will be restored in all its components: the rear wall, plaster cornices and string courses, portal, window/door frames, and the tufa-and-brick plinth. A colour review of the entire plastered surface is also planned, based on the stratigraphic test samples carried out and on the building techniques and practices common in the local context. Other works include the restoration of the iron-and-polycarbonate skylight and the review of the façade downpipes, together with improvements to the rainwater-collection system.



Bell Tower of the Church of San Martino, Burano (VE)

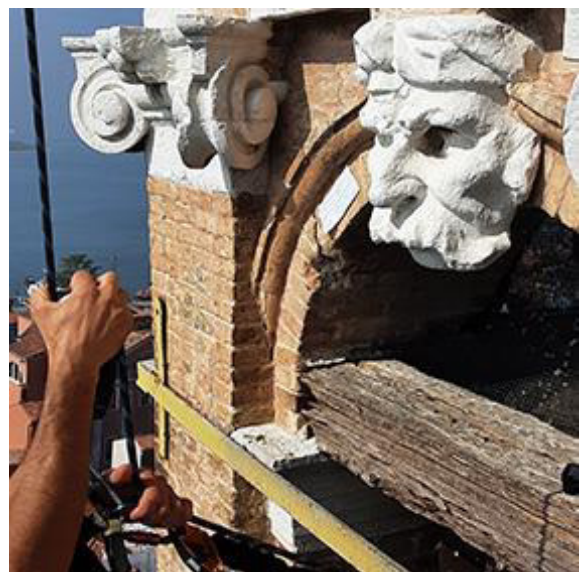
INTERVENTION	Seismic safety
ASSIGNMENT	Design and safety coordination
CLIENT	Diocese of Venice
TEAM	Studio Berlucchi srl
WORKS VALUE	€1,500,000
PERIOD	2023 – 2025

DESCRIPTION

The bell tower of the Church of San Martino on the island of Burano, in the northern Venice lagoon, was built in the eighteenth century on a space adjoining the church of the same name, dating from the late 16th century. Its current appearance dates from the eighteenth-century reconstruction; several restoration and consolidation works have followed since, the most recent in the mid-twentieth century.

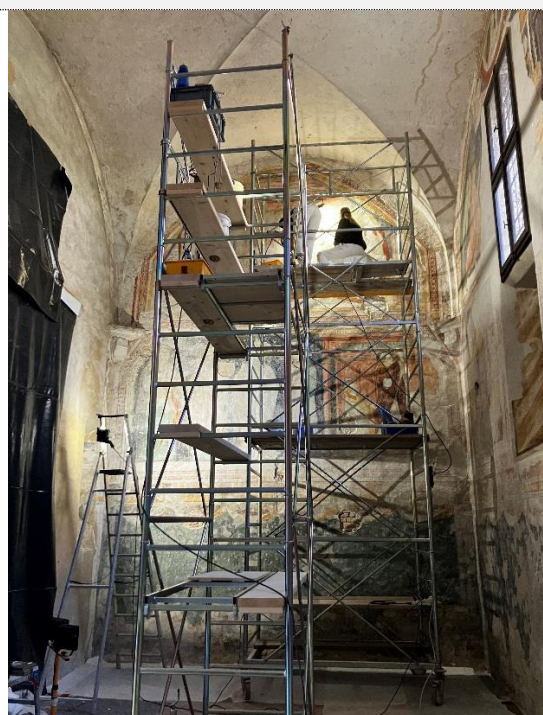
The bell tower rises to a height of around 53 metres and terminates in a spire topped by an iron cross. Its plan is square, with a 6.2 m base.

The seismic improvement project draws on an analysis of the numerous diagnostic campaigns carried out in the past, historical documents and previous consolidation projects. From a structural standpoint, works will be carried out to mitigate the effects of deterioration linked to the 1960s consolidation works, masonry consolidation, restoration of the existing reinforced-concrete jacket on the lower part of the shaft, tie connections and hooping, column reinforcement, and connections and bracing of the spire. The external masonry facing will also be restored.



Chapel of S. Giovanni Battista, Church of S. Salvatore, Brescia

INTERVENTION	Conservative restoration of surfaces
ASSIGNMENT	Final and executive design, and site supervision of restoration works
CLIENT	Fondazione Brescia Musei – Museo di Santa Giulia
TEAM	Studio Berlucchi srl, Abeni Guerra srl
WORKS VALUE	approximately €22,900
PERIOD	2024 – 2025
DESCRIPTION	The private family chapel of San Giovanni Battista opens off the middle section of the north nave of the Church of San Salvatore and is decorated with paintings executed with a fresco base and dry-technique finishing, dating from the 14th and 15th centuries. In the 1976-77 restoration, some paintings were detached (strappo technique) and restored, and are now kept in the storage rooms of the Museo di Santa Giulia. The project includes conservative restoration of the painted surfaces, preceded by a thorough survey under normal, raking and ultraviolet light, to map data relating to execution technique, state of conservation and previous interventions. The choice of consolidating materials will be defined following sampling, favouring inorganic products, while pictorial reintegration, limited and distinguishable, will be tested on a pilot section to improve legibility without altering the authenticity of the work.



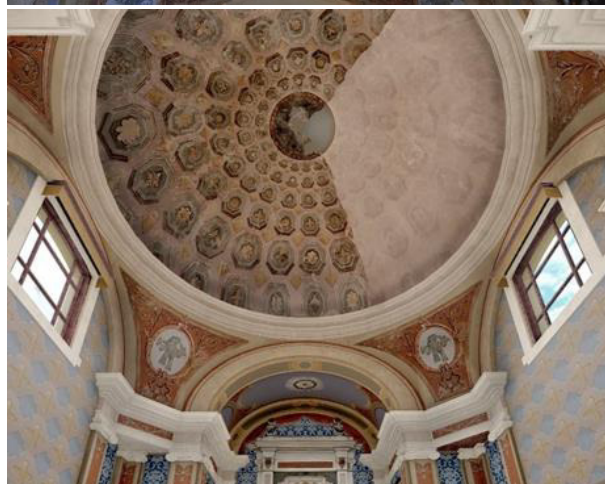
Cathedral of San Giorgio, Ferrara

INTERVENTION	Restoration of the façades
ASSIGNMENT	Design* , site supervision, safety coordination
CLIENT	Municipality of Ferrara
TEAM	Studio Berlucchi, Studio Croci, SPC, Archh. Benedetti e Di Martino Associati, Arch. Jacopo Benedetti, Arch. Eng. Valeria Virgili, Eng. Francesco Pirani, Eng. Denis Zanetti, Eng. Chiara Foresti
WORKS VALUE	€3,350,000
PERIOD	2022 – ongoing*
DESCRIPTION	Following the earthquake that struck Emilia Romagna in May 2012, the Cathedral of San Giorgio suffered extensive damage, making urgent safety works necessary, in particular to the decorative and sculptural apparatus at the top of the façade. The works planned under this intervention concern the restoration of the main façade, the protiro (porch), an element of particular material complexity and extreme decorative intricacy, and the other elevations. Built from 1135 and dedicated to San Giorgio, the high altar was consecrated in 1177. In the second half of the 15th century the bell tower was built and the church was extended in the apse area. Some consolidation works date from the 18th century, carried out over some 20 years, which reduced the number of aisles from five to three. Numerous works were carried out in subsequent centuries until the church was closed to worship following the 2012 earthquake.



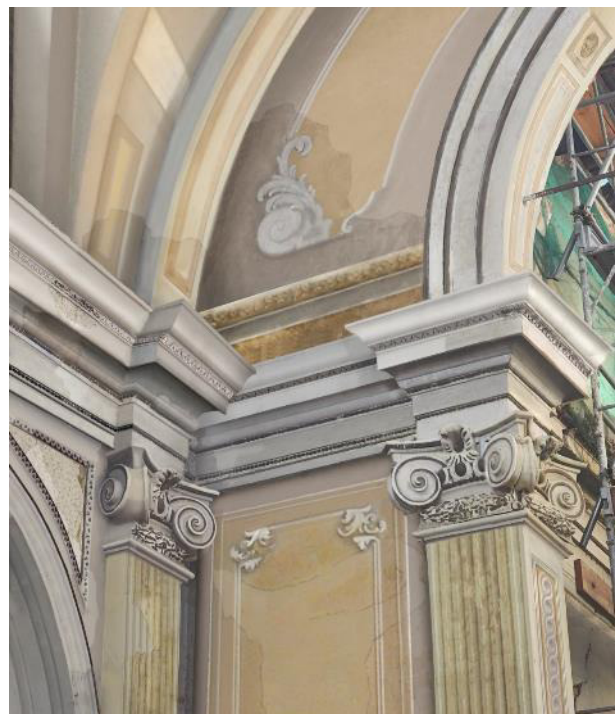
Church of San Biagio, San Felice sul Panaro (MO)

INTERVENTION	Post-earthquake restoration and reconstruction
ASSIGNMENT	Executive design and safety coordination
CLIENT	MIC – Regional Secretariat of Emilia Romagna
TEAM	Studio Berlucchi srl
WORKS VALUE	€3,500,000
PERIOD	2021 – ongoing
DESCRIPTION	The building is the result of several construction phases spanning a broad chronological period, between the 15th and 19th centuries. The 2012 earthquake caused the complete collapse of the nave and presbytery roof (and consequently of the internal vaults), of much of the masonry down to the level of the internal cornice, and of the bell tower. The collapses caused damage to the side chapels and the high altar, and the collapse of the counter-façade choir loft. The church reconstruction project faithfully follows the volumetric proportions existing before the collapse. Besides the reconstruction of the decorative apparatus, the project also includes the restoration and reconstruction of the external façades, new flooring, reinstatement of the nave vault, reconstruction of the choir-loft balcony, reconstruction of the bell tower and of the two old and new sacristy volumes, as well as the general upgrading of all the window and door frames of the complex.



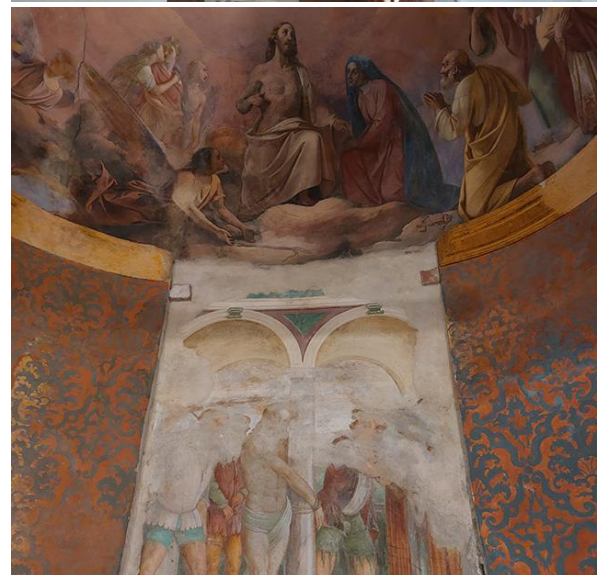
Church of San Giovanni, Disvetto di Cavezzo (MO)

INTERVENTION	Post-earthquake restoration and reconstruction
ASSIGNMENT	Design final* , executive, and health and safety coordination (design)
CLIENT	MIC – Regional Secretariat of Emilia Romagna
TEAM	Studio Berlucchi srl Dr. Geol. Federico Mori
WORKS VALUE	€4,550,000
PERIOD	2021 – ongoing*
DESCRIPTION	The church originated from a modest oratory built around 1610; from 1663 the radical rebuilding of the oratory began, which was completed towards the end of the century (1694-95). The 2012 seismic events caused the complete collapse of the nave roof (and consequently of the internal vault), of a large part of the masonry down to the level of the internal cornice, as well as of the bell tower. The collapses caused damage to the side chapels and the high altar. The architectural reconstruction of the church is designed so that, to an untrained eye, the final result appears formally intact, while to a trained and knowledgeable eye, the subtle distinctions between the preserved portions, the repositioned elements and the new integrations remain visible. The project will be based on reconstructing the church in keeping with the historical phases that characterised both its interior and its external façades. The methodological approach will be grounded in the principles of philological reconstruction, using traditional materials without accentuating the contrast between new and old, while keeping them distinguishable.



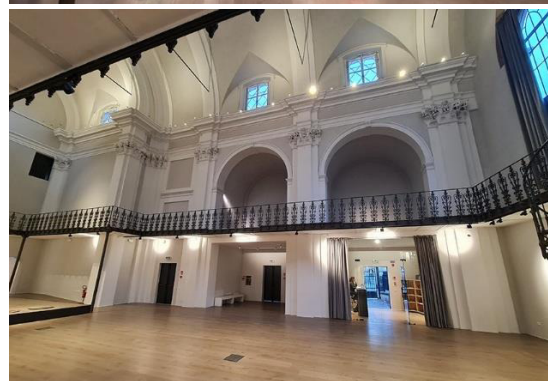
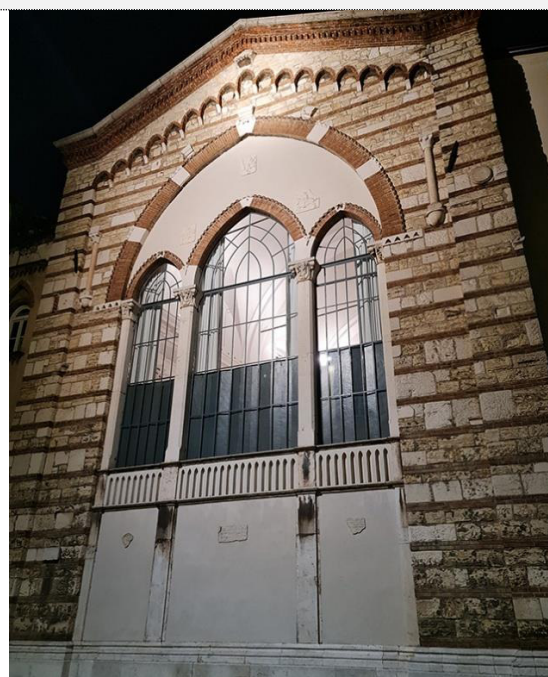
Former Chiesa dei Disciplini, Sale Marasino (BS)

INTERVENTION	Restoration and conservative repair
ASSIGNMENT	Design, site supervision
CLIENT	Municipality of Sale Marasino
TEAM	Studio Berlucchi srl, Eng. Cesare Trebeschi
WORKS VALUE	€350,000
PERIOD	2022 – 2024
DESCRIPTION	Dating from the sixteenth century, the Church of SS. Pietro e Paolo was, from its foundation, managed by the local Confraternity of the Disciplini, established there in 1521. Through the seventeenth century the single-nave layout of the church remained, but the pointed transverse arches were replaced with a frescoed barrel vault. Of the various later alterations, many non-contemporary works remain. The stuccowork in the vault and beneath the matroneum frames frescoes by Domenico Voltolini, dating from between the second and third decades of the eighteenth century. In 1797 the Confraternity of the Disciplini was suppressed and the church was seized by the state and sold together with the adjoining house. In 1855 the Municipality purchased the complex to use as a hospital; the following year Guadagnini painted the interior frescoes. The most recent restoration works date from 1895 and 1990, the latter of which saw the building converted for use as an auditorium. The project provides for the restoration of the interior surfaces (frescoes, stonework, stucco, cornices, etc.), roof maintenance and targeted resolution of water infiltration, restoration of the window and door frames, some works to the electrical systems, and a dedicated lighting-design project.



Former Church of Santi Filippo e Giacomo (Spazio Carme), Brescia

INTERVENTION	Restoration and seismic improvement
ASSIGNMENT	Design, site supervision, safety coordination
CLIENT	Municipality of Brescia
TEAM	Studio Berlucchi srl
WORKS VALUE	€680,000
PERIOD	2022 – 2023
DESCRIPTION	The Church of Santi Giacomo e Filippo in Brescia, built in the twelfth century and altered several times, was deconsecrated after 1797 and, converted into an exhibition hall, retains a neo-Gothic façade resulting from nineteenth-century works. The intervention includes building, building-services and fit-out/furnishing works, for the optimal use of both the theatre spaces and the ancillary and service spaces. Main works carried out: rebuilding of the hall flooring, incorporating a new underfloor radiant heating system and air-exchange system, installation of new seating and stage-machinery equipment, and renewal of the lighting system. In addition, the large three-light metal window on the façade was restored. In the ancillary side spaces, escape routes were reviewed, sanitary facilities and finishes of the service areas (offices, technical rooms, etc.) were renewed, along with flooring, window and door frames, plasterwork, painting and suspended ceilings. Finally, some seismic repair and improvement works were carried out on the roof and the façade.



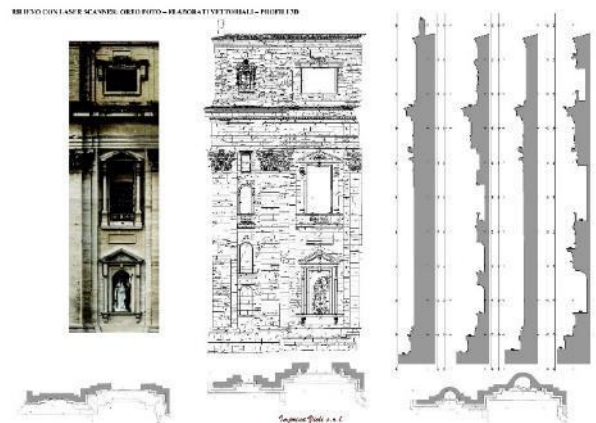
Apse of the Cathedral of San Paolo, Aversa

INTERVENTION	Structural consolidation
ASSIGNMENT	Design and scientific supervision of works
CLIENT	Diocese of Aversa
TEAM	Studio Berlucchi srl
WORKS VALUE	€200,000
PERIOD	2021 - 2023
DESCRIPTION	The project concerned the structural instability of the apses around the ambulatory of the Cathedral of San Paolo in Aversa, dating from the 13th century. Consolidation works compatible with the existing structural system were identified. The proposed consolidation of a masonry structure of this type (tuff masonry) requires identifying both the resisting mechanisms already offered by the original elements and the damage mechanisms that have developed over time, with the aim of preserving and, at the same time, improving the integrity of the system, through targeted, minimum-impact interventions. In particular, external hooping of the apses was designed at the level of the vault springing, consisting of two tiers of ties and distribution elements with steel plates for the passage of the ties themselves, along with repair of internal cracks, cut-and-replace masonry repairs ("scuci-cuci") and reorganisation of the vault extrados.



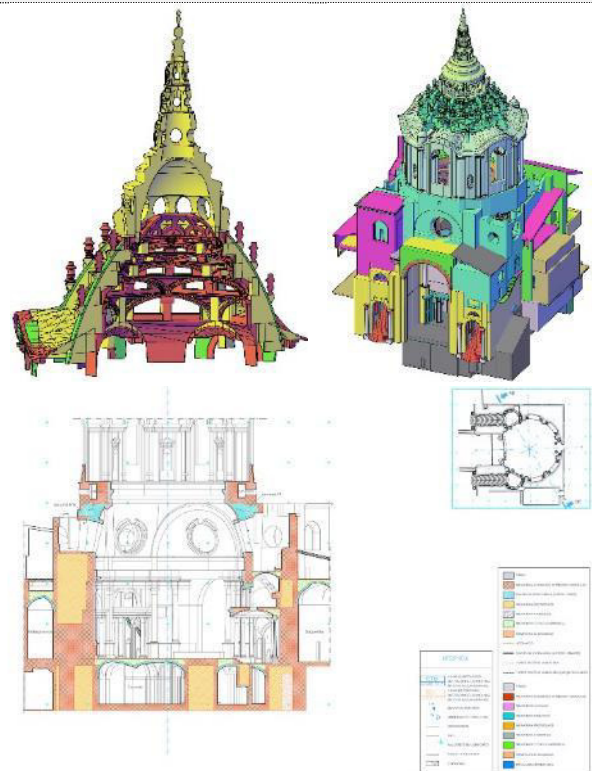
Michelangelo Apse of St. Peter's, Rome

INTERVENTION	Restoration of the surfaces of the Michelangelo section of the southern apse
ASSIGNMENT	Consultancy and scientific supervision on behalf of the Violi company
CLIENT	Impresa Violi
TEAM	Studio Berlucchi
WORKS VALUE	€1,300,000
PERIOD	2010-2015
DESCRIPTION	The restoration of the south elevation of the apse of St. Peter's began with a 3D laser-scanner survey, which provided extremely high-resolution detail. The state of conservation was then analysed, revealing alterations to the travertine, including deposits, black crusts, patinas, biological residues, detachments and disaggregated elements. Work began with mechanical cleaning of the deposits and consolidation of the disaggregated and unstable elements, followed by the application of biocides and the removal of unsuitable fillings. As some cracks emerged after cleaning, reattachment works were carried out using resins or metal elements, and inserts of the same lithotype as the disaggregated elements were added. In addition, moisture stagnation within the cornice, which caused surface staining, was resolved by removing the covering and the roof tiles, replaced with travertine slabs and lead drip edges.



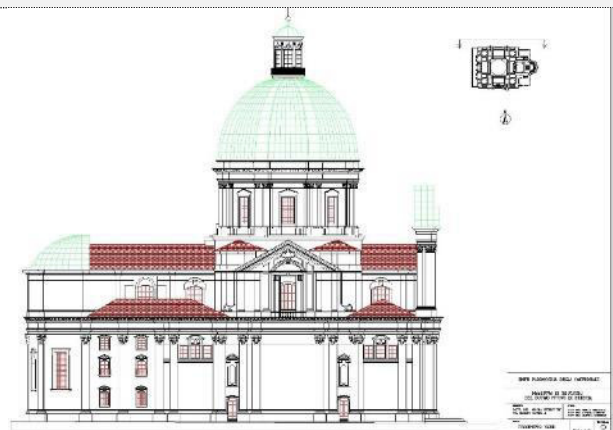
Chapel of the Holy Shroud, Turin

INTERVENTION	Investigations aimed at characterising the masonry structures
ASSIGNMENT	Management and coordination of investigations on behalf of the company
CLIENT	Il Cenacolo s.r.l
TEAM	Studio Berlucchi
WORKS VALUE	-
PERIOD	1998; 2005-2006
DESCRIPTION	Given the sensitivity of the subject of the works and its complexity in relation to the restoration operations following the fire, the investigations aimed at understanding the structural characteristics of the building were carried out in two phases and conducted by an interdisciplinary group of highly specialised firms, each with its own specific expertise. A key aspect was ensuring perfect coordination of methodologies and interchangeability, in order to make the best possible use of every type of data. Overall, the entire investigation cycle – including chemical-physical analyses and video-endoscopic examination of the foundations and masonry for material and structural characterisation – was aimed at progressively narrowing the range of operational options, thereby guiding the restoration towards effectively feasible operations and providing indications on technologies to be trialled and tested.



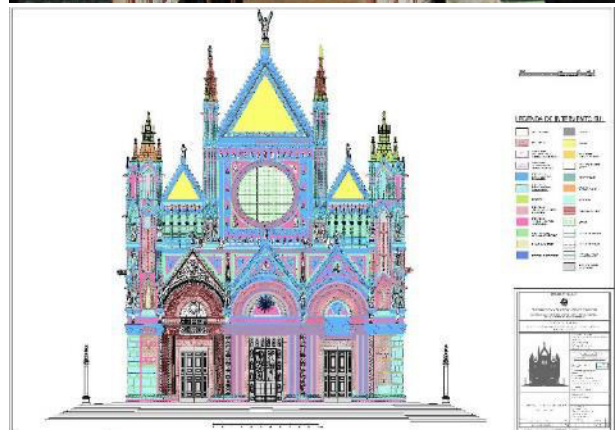
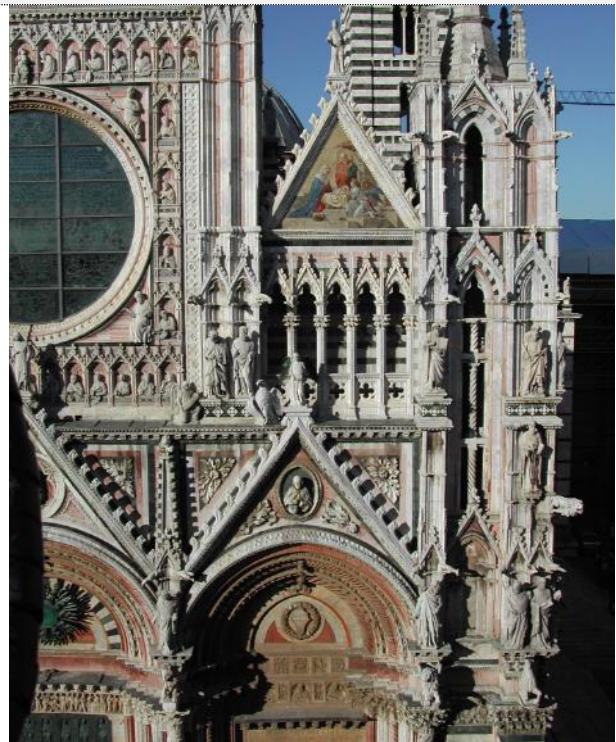
Duomo Nuovo, Brescia

INTERVENTION	Restoration of the city cathedral
ASSIGNMENT	Design and site supervision
CLIENT	Parish Authority of Brescia Cathedral
TEAM	Studio Berlucchi
WORKS VALUE	€1,291,000
PERIOD	1997-1999
DESCRIPTION	The conservative restoration, aimed at restoring the appearance most fitting to the city's most representative sacred building, covered all interior and exterior surfaces, excluding the façade, and consisted of cleaning and consolidation of the stone surfaces, consolidation of the interior plasterwork, and restoration of the window and door frames. The comprehensive restoration programme promoted by the Parish Authority also included renewal of the lighting system and an overhaul of the roofs.



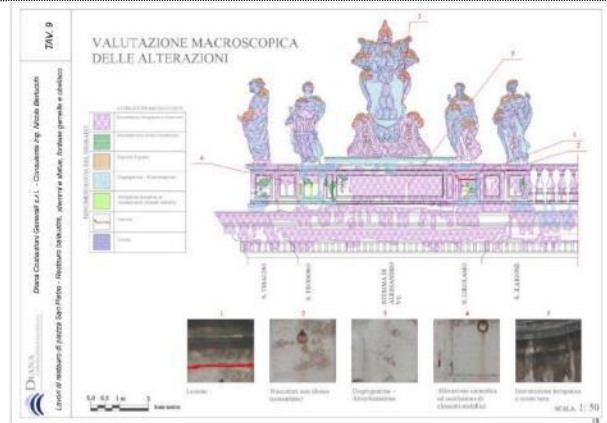
Cathedral of Siena

INTERVENTION	Executive design for the restoration and consolidation of the façade
ASSIGNMENT	Consultancy on behalf of Il Cenacolo for coordination of the executive design
CLIENT	Il Cenacolo srl
TEAM	Studio Berlucchi
WORKS VALUE	€892,000
PERIOD	2003
DESCRIPTION	The firm provided consultancy for the restoration and consolidation project for the façade of Siena Cathedral, starting from an assessment of the complexity of the materials and the varied state of deterioration, largely due to the replacement and integration over time of certain parts with elements copied from the originals. Diagnostic investigations were carried out to characterise the materials and forms of deterioration, and laboratory analyses were performed beforehand to select intervention methods, verifying, from a conservation standpoint, the outcome on the different elements. During the actual restoration phase, different approaches were taken for original portions versus replaced ones, with the former requiring greater care and more delicate handling.



Colonnade of St. Peter's, Rome

INTERVENTION	Restoration proposal for the balustrade and statues
ASSIGNMENT	Consultancy
CLIENT	Diana Costruzioni s.r.l.
TEAM	Studio Berlucchi
WORKS VALUE	-
PERIOD	2004-2006
DESCRIPTION	The proposal concerned the restoration of the balustrades topped with coats of arms and statues, the twin fountains, and the obelisk of St. Peter's Square. The restoration was not intended for aesthetic purposes alone, but above all to slow surface deterioration and ensure the work's longer-term durability; it was therefore considered appropriate to intervene on the balustrade and the 144 crowning statues, subject to neglect and affected by crusts, widespread cracking, invasive vegetation and pigeon droppings on all horizontal surfaces. Assessments of the state of conservation and the pathologies present must be supported by appropriate in-situ and laboratory diagnostic investigations, so as to create intervention record sheets showing the location of the different forms of deterioration, essential for proposing cleaning, colour-matched filling and all operations necessary for conservation using the most innovative techniques and with the utmost respect for the artwork being treated.



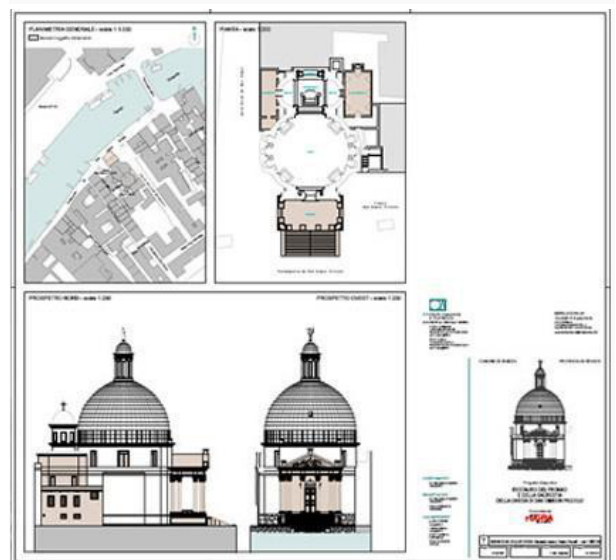
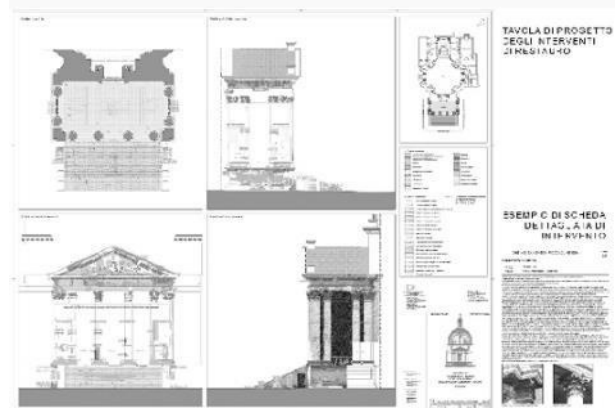
Vatican Pinacoteca, Rome

INTERVENTION	Restoration project for the external façades
ASSIGNMENT	Consultancy and scientific supervision on behalf of the company
CLIENT	RCS Costruzioni s.r.l
TEAM	Studio Berlucchi
WORKS VALUE	-
PERIOD	2008
DESCRIPTION	The façade of the Vatican Pinacoteca showed surface alterations to masonry, plaster and stone, extensive colour changes, biological patinas, widespread saline efflorescence and severe deterioration of the anchoring systems for the decorative ceramic elements. Eng. Berlucchi acted as scientific director on behalf of the company carrying out the restoration works (RCS Costruzioni s.r.l.). Preliminary analyses and investigations were carried out to characterise, from a conservation and stratigraphic standpoint, the mortars, bricks and painted ceramics of the external façade. The results were essential for designing and optimising the works with a view to maximum conservation of the surfaces, also thanks to ongoing dialogue with the Restoration Department of the Vatican Museums. Necessary operations included cleaning, extraction of soluble salts, replacement of inefficient cementitious cappings, reattachment of detachments and reinstatement of disaggregated elements.



Church of S. Simeon Piccolo, Venice

INTERVENTION	Restoration of the façade
ASSIGNMENT	Architectural design (preliminary, final, executive) in collaboration with Arch. M. Bonotto and Arch. M. Rigo, site supervision
CLIENT	-
TEAM	Studio Berlucchi
WORKS VALUE	-
PERIOD	2008-2009
DESCRIPTION	The Church of S. Simeon Piccolo was unfit for use owing to the precarious condition of the pronaos vault, by then reduced to bare laths with small fragments of plaster remaining. The pronaos and façade, built in Istrian stone, required major conservative restoration and maintenance to address thick black crusts, missing stone elements, water infiltration and staining, gaps in the plasterwork with powdering of both the stone elements and the historic plaster, cracking of the load-bearing structures, and deformation of the roof framing. The restoration project included cleaning, consolidation of the plasterwork, and integration of the gaps with new marmorino-type plaster matching the composition and appearance of the existing fragments. Techniques by now well established in Venice were applied to achieve an aesthetic result similar to that of numerous other Istrian-stone façades.



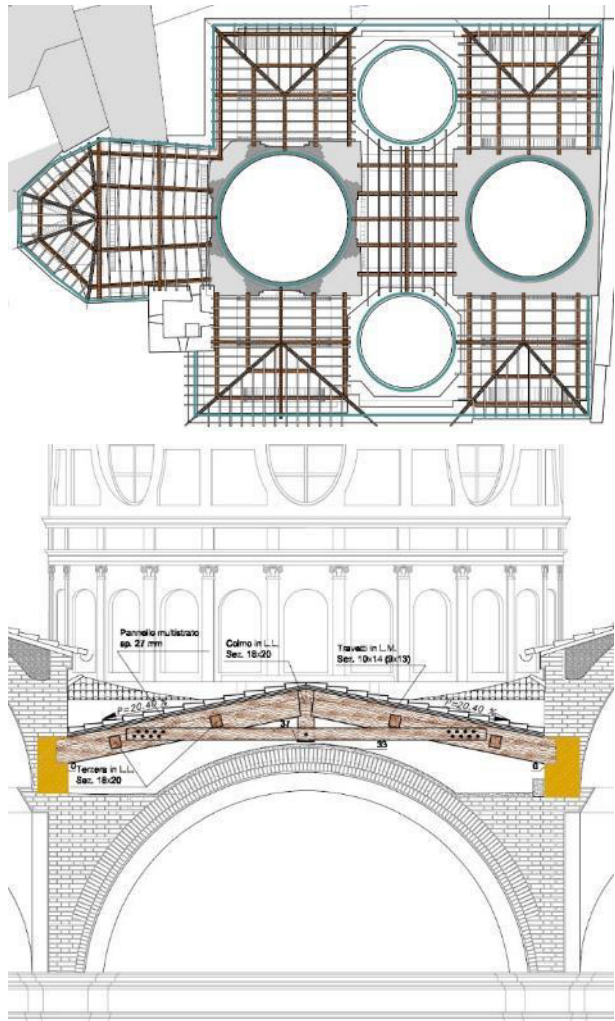
Duomo Vecchio, Brescia

INTERVENTION	Restoration of the interior surfaces of the right transept and the Altar of the Blessed Sacrament
ASSIGNMENT	Design, site supervision, safety coordination plan
CLIENT	Curia of Brescia
TEAM	Studio Berlucchi
WORKS VALUE	€240,000
PERIOD	2009-2011
DESCRIPTION	The restoration of the interior surfaces of the Duomo Vecchio was carried out in two lots, covering respectively the upper and lower bands of the frescoes in the right transept, including those of the Chapel of the Blessed Sacrament. The state of conservation was critical, mainly due to prolonged water infiltration from the roof and rising damp in the masonry, resulting in surface deposits and detachment of the paint layers and plaster. Having already undergone restoration works that had altered its appearance without resolving the infiltration problems, it was necessary to intervene only after the roof and the external perimeter area had been made watertight and the masonry dried out. Compatible non-cement mortar repairs were retained, and tempera overpainting concealing the original decorations was removed; consolidation and reattachment of detachments were then carried out, followed by pictorial reintegration using colour-matching glazes and light toning down.



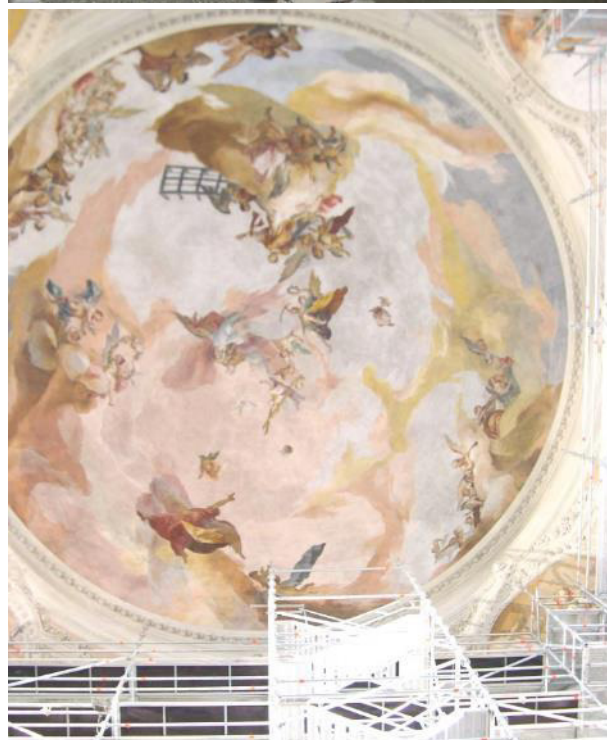
Church of Santa Maria dei Miracoli, Brescia

INTERVENTION	Restoration and consolidation of the roof
ASSIGNMENT	Executive design, site supervision, safety coordination plan
CLIENT	Municipality of Brescia
TEAM	Studio Berlucchi
WORKS VALUE	n/a
PERIOD	2007-2009
DESCRIPTION	Within the conservative restoration project for the Church of Santa Maria dei Miracoli, the roof intervention involved the complete rebuilding of the timber structures, both on the pitched-roof areas and on the raised elements such as lanterns, drums and the bell tower. Owing to the lack of waterproofing, roof leaks had caused the plasterwork to become saturated with moisture. Given the very poor state of conservation of the structures and in order to relieve the church's vaulted structures of the weight of the timber elements resting on them, a new structure was built using laminated-timber trusses with secondary framing. This solution offers high stability and compactness owing to its relatively low weight; this ensured good bonding between the roof elements and stiffened the entire roof structure.



Parish Church of S. Lorenzo, Nuvolera (BS)

INTERVENTION	Structural consolidation and surface restoration works following the 2004 earthquake in the Brescia area
ASSIGNMENT	Design and site supervision
CLIENT	Parish of Nuvolera
TEAM	Studio Berlucchi
WORKS VALUE	€1,600,000
PERIOD	2005
DESCRIPTION	The works on the Church of S. Lorenzo consisted, on one hand, of structural consolidation and, on the other, of restoration of the decorations and interior and façade surfaces. Structurally, the works following the 2004 earthquake aimed to restore an effective counteraction to the thrust of the roof structures through tie-rods, and to reinstate the load-bearing capacity of the masonry. As for surface restoration, once the forms of deterioration had been identified through visual analysis and an in-depth investigation campaign, differentiated removal of the deterioration was carried out, followed by the necessary consolidation and filling of cracks, with subsequent pictorial reintegration matching the original.



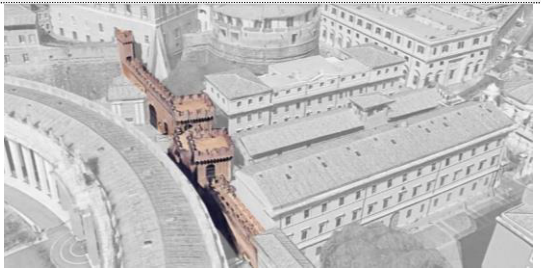
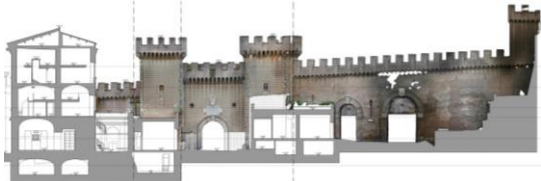
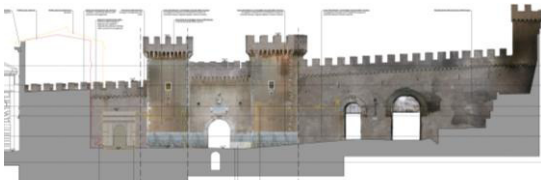
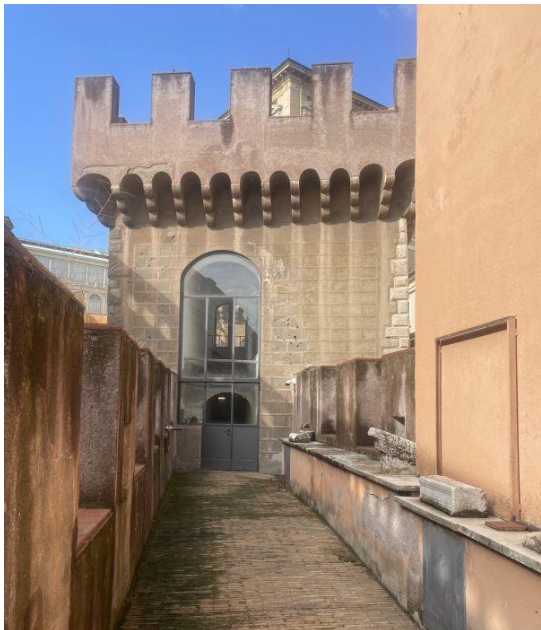
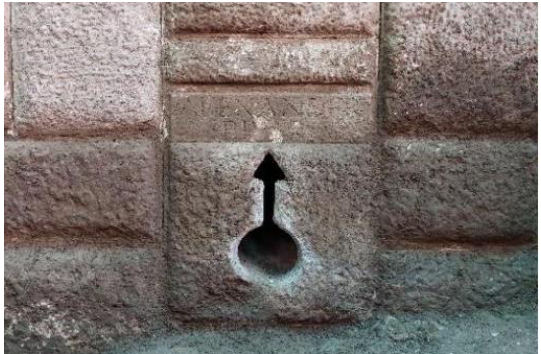


Other public and private cultural heritage buildings

Other public and private cultural heritage buildings

Rocchetta Mattei, Bologna

Rocchetta Mattei, Bologna		
INTERVENTION	Restoration and consolidation of the Arab-Moorish wing	
ASSIGNMENT	Design under a design-and-build contract	
CLIENT	Municipality of Grizzana Morandi	
TEAM	ATI Lithos-Piacenti, Studio Berlucchi srl, Eng. Fabrizio Sottili, Eng. Nicola Reccagni, Eng. Fabio Zoni	
WORKS VALUE	€3,360,000	
PERIOD	2024 – ongoing	
DESCRIPTION	The Rocchetta Mattei is an eclectic building constructed on the commission of Count Cesare Mattei (1809-1896) on the ruins of the Rocca di Savignano, from the second half of the nineteenth century onward. It is a very unusual building, which has undergone various changes, arriving to us as a veritable labyrinth of towers, monumental staircases and halls drawing on different styles: from neo-medieval to neo-Renaissance, from Moorish to Art Nouveau. The firm was commissioned to prepare the executive design for the completion of the restoration of the Arab-Moorish wing and for certain structural works in the Ala del Conte. The aim is the restoration and seismic improvement of the areas concerned, with a view to opening them to the public and incorporating them into the visitor route.	
		
		

Passetto di Borgo, Vatican		
INTERVENTION	Restoration and enhancement	  
ASSIGNMENT	Coordination of supplementary diagnostics, preliminary design	
CLIENT	Foundation for the Restoration of the Barracks of the Pontifical Swiss Guard in the Vatican	
TEAM	Studio Berlucchi srl (lead firm), Studio Croci & Associati	
WORKS VALUE	€2,350,000	
PERIOD	2024 - 2025	 
DESCRIPTION	The Passetto di Borgo is one of the most evocative architectural works in the world, both for its layered history and for its strategic function connecting the Vatican and Castel Sant'Angelo. About 800 m long, it has been on the UNESCO list since 1984. The restoration of the Passetto and the Sancti Petri gate is part of the overall project, designed by Durisch and Nolli, for the renovation of the Swiss Guards' barracks currently built up against the Passetto. The new volumes planned will be set apart from the architectural structure, so that it can return to its true form. The intervention therefore aims to improve the static behaviour of the whole complex and to conservatively restore the surfaces following the demolitions. The project also puts forward several proposals for enhancing the site. In particular, it is suggested that the existing archaeological excavation at the base of the tower be kept visible, to highlight the original proportions of the Sancti Petri gate, and that the underground spaces – naturally lit by a small lancet window – be made accessible. The route would extend to the east exit of the upper corridor, where bullet marks and the remains of the demolished ramp are preserved, evidence of the historical phase when the corridor was roofed.	

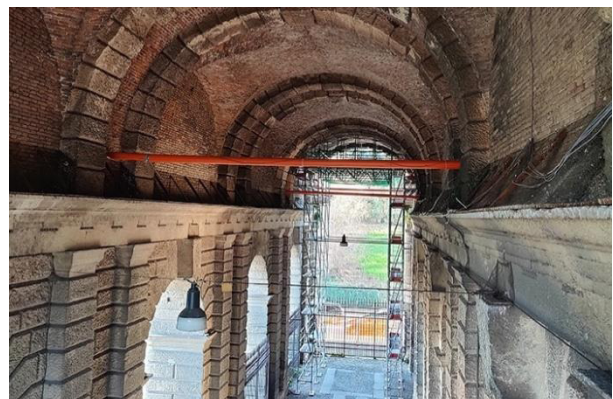
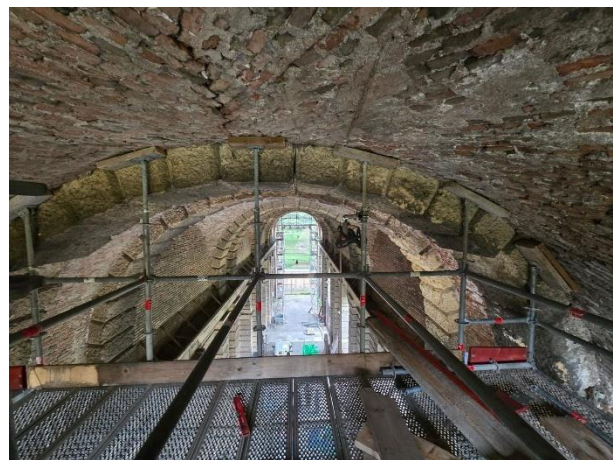
Forte Manin, Venice

INTERVENTION	Recovery for cultural activities
ASSIGNMENT	Site supervision
CLIENT	Municipality of Venice – Urbanisation Works, Cemeteries, Forts and Hydraulic Works Department
TEAM	FG Architetti snc (lead firm), Studio Montagnini Fusaro, WEI'N VENICE srl, Eng. Massimo Negrisolò, Eng. Aurelio Brunello, SERES srl, Studio Berlucchi
WORKS VALUE	€3,000,000
PERIOD	2024 – ongoing
DESCRIPTION	Forte Manin, built by the French with the name “Forte O”, is part of the system of mainland fortifications around Venice, built in several phases between the 19th and early 20th centuries. Renamed “Forte Gorchowsky” by the Austrians, it was demolished around 1910 and replaced by the two concrete powder magazines still present today. The project aims at the conservation, upgrading and enhancement of Forte Manin, integrating it into the Parco San Giuliano and Lagoon system as a place of leisure and historical memory. The planned works include restoring the nineteenth-century ruins and the two powder magazines, which will be open to the public and used as spaces for exhibitions and temporary displays. The project also includes the construction of two new architectural volumes outside the powder magazines (a sanitary-facilities block and a canopy) and the provision of street furniture (benches, tables, drinking fountains), as well as the construction of a footbridge linking Forte Manin to the Parco San Giuliano, replacing the current earthwork embankment.



Porta Palio, Verona

INTERVENTION	Safety works, conservative restoration and upgrading
ASSIGNMENT	Investigation and monitoring project, design and site supervision of the safety works
CLIENT	Municipality of Verona
TEAM	Studio Berlucchi srl
WORKS VALUE	approximately €700,000
PERIOD	2024 – ongoing
DESCRIPTION	The loggia vault of Porta Palio shows widespread cracking and clear signs of settlement in the masonry vaults and stone arches. The diagnostic campaign aims to identify the causes of the structural instability, in order to define the most suitable consolidation and reinforcement strategies. In the immediate term, limited safety works are planned to eliminate localised risks of collapse: tapping and inspection of the local condition of the vaults and arches, together with targeted crack repairs using stitching and mortar injection. The retaining walls and the bridges over the moat in front are in very poor condition, with evident out-of-plane deformation and serious gaps. The feasibility project envisages an overall upgrading of the area, with conservation, structural, building and building-services works to eliminate the causes of the instability and restore material continuity to the masonry and small bridges. Targeted upgrading works are also planned for the countermine galleries along the urban route of the Verona city walls.



Palazzo Feltrinelli, Gargnano (BS)

INTERVENTION	Conservative restoration, functional upgrading.	 
ASSIGNMENT	Site supervision and safety coordination during execution	
CLIENT	University of Milan	
TEAM	Studio Berlucchi srl, Caratti Engineering srl	
WORKS VALUE	approximately €1,950,000	
PERIOD	2024 – works in progress	 
DESCRIPTION	Palazzo Feltrinelli (1898-1899) was built as the private residence of Giuseppe Feltrinelli, overlooking the lake and dominating Piazza Vittorio Veneto, to a design by architect Alberico Belgiojoso. The intervention involves conservative restoration, functional/building-services/fire-safety upgrading, and seismic improvement of the building, to be converted into a Multifunctional Teaching and Conference Centre. Specifically, the project provides for: general consolidation of the building through anti-seismic structural reinforcement with steel ties and multi-layer timber panels, mostly installed beneath the flooring; partial redistribution of the second floor, used as guest accommodation, with improved sanitary facilities and building-services and regulatory upgrading of the entire building (regarding the removal of architectural barriers, fire prevention, energy efficiency, fall-arrest systems, etc.).	

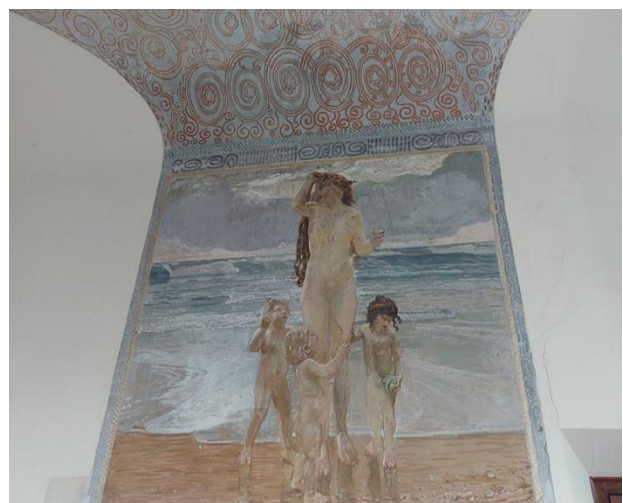
Museo Duca di Martina, Naples

INTERVENTION	Seismic risk assessment, vulnerability reduction and restoration
ASSIGNMENT	Technical and economic feasibility design, executive design
CLIENT	Ministry of Culture – Regional Directorate of Museums of Campania
TEAM	Studio Berlucchi srl
WORKS VALUE	-
PERIOD	2024 – ongoing
DESCRIPTION	The intervention is aimed at the recovery and restoration of the flooring and suspended ceilings of several interior rooms of Villa Floridiana, as part of the works to make them safe. The approach will be as conservative as possible, respecting the existing fabric and the original techniques used. The project principles are: preservation of the pictorial and material fabric of elements in good condition; replacement of deteriorated portions with reintegrations specifically assessed by the conservator-restorer; attention to medium-to-long-term durability and to the immediate usability of the rooms once works are complete. Specifically, the restoration works concern the timber, majolica and terracotta flooring finished with “rossetto” glaze, and the painted-paper-on-canvas suspended ceilings, which will be restored and made safe using steel cables (strands).



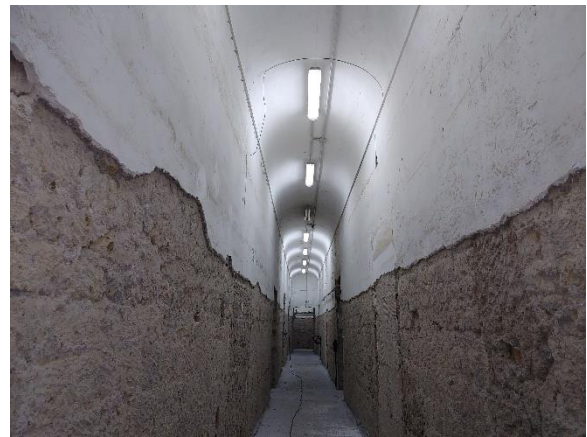
Villa Apuana, Forte dei Marmi (LU)

INTERVENTION	Conservative restoration, functional upgrading and refurbishment
ASSIGNMENT	Coordination of specialist activities, final and executive design of restoration works, supervision of restoration works.
CLIENT	Roseto srl
TEAM	ARASSOCIATI, Studio Berlucchi srl, Kite Engineering, AG&P Greenscape, Engi.Co srl, Eng. Paolo Riva
WORKS VALUE	€600,000 (restoration works)
PERIOD	2023 – ongoing
DESCRIPTION	The intervention is aimed at the conservative restoration and functional upgrading of the Villa and the recovery of the garden with its ancillary structures. The restoration works concern, in particular, the interior flooring and all the window and door frames: the timber frames with shutters and external ironwork, the steel-and-glass box frames, and the interior timber doors. The project also includes the conservative restoration of the façades, the external decorative cement cornices, and all decorated surfaces in the interior rooms. In the garden, works focus on the two pergolas with masonry pillars and timber-element roofing, and on the fountain clad in stone slabs.



Royal Palace of Caserta

INTERVENTION	Restoration, structural and building-services upgrading
ASSIGNMENT	Final and executive design
CLIENT	MiC – Regional Secretariat for Campania
TEAM	Eng. Oreste Graziano, Studio Berlucchi srl
WORKS VALUE	€750,000
PERIOD	2023 – ongoing
DESCRIPTION	The Royal Palace of Caserta, declared a UNESCO World Heritage Site in 1997, is the eighth most visited Italian museum according to the Touring Club and is among the thirty most visited sites in the country. The majestic Royal Palace, designed by Luigi Vanvitelli on commission from Charles of Bourbon, combines eighteenth-century scenographic elegance with a rational layout, with a rectangular plan divided into four courtyards. The project concerns the reallocation of ground-floor spaces in the south-east wing to house the State Archive, with structural and building-services upgrading works. The first phase involves demolishing recent additions to recover the original rooms. In addition, structural checks were carried out on the existing tuff vaults to identify load-bearing areas and the best layout for the compactor shelving units of the new archive. New klinker flooring, plaster repairs, surface repainting, preservation of the historic doors, and installation of new systems (air conditioning and electrical with LED lighting) are planned.



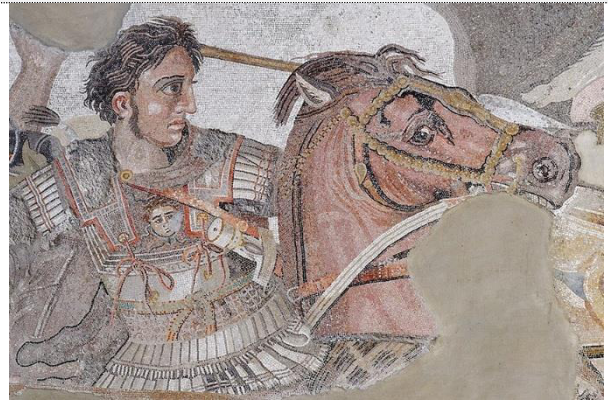
Villa Poss, Verbania (VB)

INTERVENTION	Conservative restoration and functional conversion of the villa with the park, external areas and ancillary buildings
ASSIGNMENT	Preliminary, final and executive design for the restoration works tender, supervision of restoration works
CLIENT	Selasca srl
TEAM	ARASSOCIATI (lead firm), Studio Berlucchi srl, MSC Associati, AG&P Greenscape, Arch. Gianmaria Barisani
WORKS VALUE	€22,000,000
PERIOD	2023 – ongoing
DESCRIPTION	Located on the shores of Lake Maggiore, Villa Poss is the focal point of an important architectural and landscape heritage asset. Currently disused, it shows extensive gaps, collapsed sections and areas entirely exposed to the elements. Methodologically, a “critical-conservative” restoration is proposed, involving the necessary reintegrations through critical interpretation, recreating a spatial image relating closely to the earlier one, thereby facilitating the reading of the building without erasing what remains today. The intervention is aimed at recovering the historic park of around 6 hectares, at the conservative restoration of the nineteenth-century Villa and its existing buildings, with the aim of creating an excellent hospitality facility able to accommodate up to 92 hotel rooms, in addition to dedicated wellness and dining spaces.



Mosaic of Darius and Alexander, MANN, Naples

INTERVENTION	Restoration and display-installation works
ASSIGNMENT	Executive design under a design-and-build contract
CLIENT	MIC – Naples National Archaeological Museum
TEAM	Regoli e Radiciotti, Studio Berlucchi, Equilibrarte, Calabria Pasquale srl
WORKS VALUE	€400,000
PERIOD	2023 – works in progress
DESCRIPTION	The Mosaic of Darius and Alexander, depicting the Battle of Issus, is one of the most famous Roman mosaics of antiquity. Dating from around 100 BC, it was discovered in Pompeii in the House of the Faun and put on display in the Naples National Archaeological Museum, where it is still kept today. The project, developed under a design-and-build contract, provides for the restoration of both the mosaic surface and its support. A truly unique feature of this assignment is the design of a purpose-built machine, comparable to theatrical stage machinery, to allow the mosaic to be moved within the hall in which it is displayed, so that it can be restored from both sides.



Villa Rossi (former Corte Galvana), Gonzaga (MN)

INTERVENTION	Restoration and recovery
ASSIGNMENT	Feasibility Design
CLIENT	Municipality of Gonzaga
TEAM	Studio Berlucchi srl
WORKS VALUE	€5,200,000
PERIOD	2022 – ongoing
DESCRIPTION	The Corte Galvana is first documented in 1579, the year it was leased. After several changes of ownership, it came to Galvano Galvani, who probably oversaw its renovation in 1652, as suggested by the frescoes. A further significant intervention took place in the mid-nineteenth century, giving the complex its present appearance. Following the 2012 earthquake, the palazzo suffered extensive damage, including the collapse of part of the roof and intermediate floors. In addition, much of the first-floor decoration, mainly the ceilings, was lost as a result of the collapses. The intervention involves rebuilding the roof and floors, restoring the façades and the surviving decorations, and a general functional conversion, along with the complete renewal of the building services. This is a very large courtyard complex, so a recovery programme is planned aimed at opening a multifunctional complex. The monumental section will house, on the ground floor, spaces for exhibitions, events and conferences, while the first floor will house spaces dedicated to community associations. The two wings will be used respectively as a restaurant and as guest accommodation.



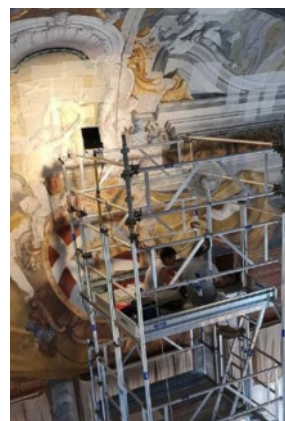
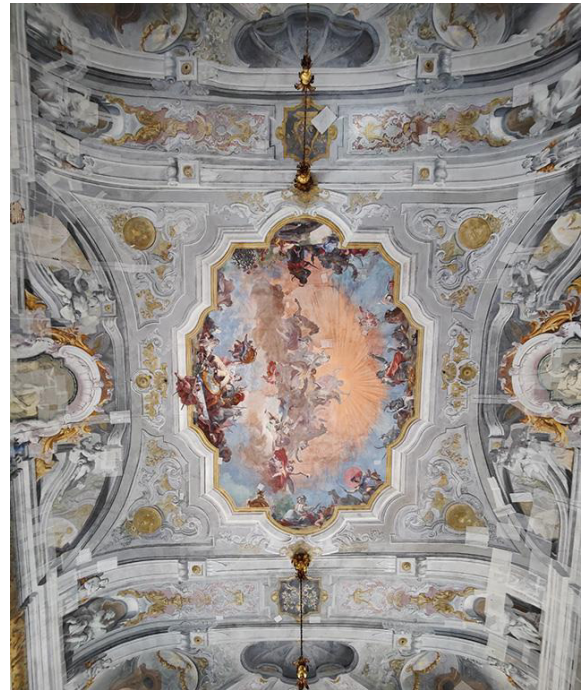
Ballroom of Ca' Rezzonico, Venice

INTERVENTION	Restoration of the frescoed ceiling and walls
ASSIGNMENT	Final and executive design, integrated and coordinated design, safety coordination
CLIENT	Fondazione Musei Civici di Venezia
TEAM	Studio Berlucchi srl (lead firm), Studio CRC di Paolo Pastorello, Marascalchi Ingegneria S.T.P. srl
WORKS VALUE	€1,860,000
PERIOD	2022 – ongoing

DESCRIPTION

The history of the Ca' Rezzonico palazzo is linked to the Rezzonico family, who in 1750 bought the unfinished palazzo built on the Grand Canal by the Bon family. The Ballroom is an imposing interior volume (22 x 13.40 m; height: 13 m) on the piano nobile. The decoration of this room is a unique ensemble spanning walls and ceiling, created around 1752 by Giambattista Crosato and Pietro Visconti. The project, aimed at conserving the valuable existing decoration, had to contend with a complex structural system, the result of changes to the architectural and structural fabric of the rooms, changes of use, and previous structural strengthening works. The complexity of the intervention was addressed starting from a thorough diagnostic campaign, aimed at deepening understanding of the state of conservation of both surfaces and structures.

The project comprises three main areas of intervention: restoration of the frescoed ceiling and walls of the ballroom with structural reinforcement of the load-bearing structure, restoration of the façades, and the structural reinforcement design for the third-floor slab.



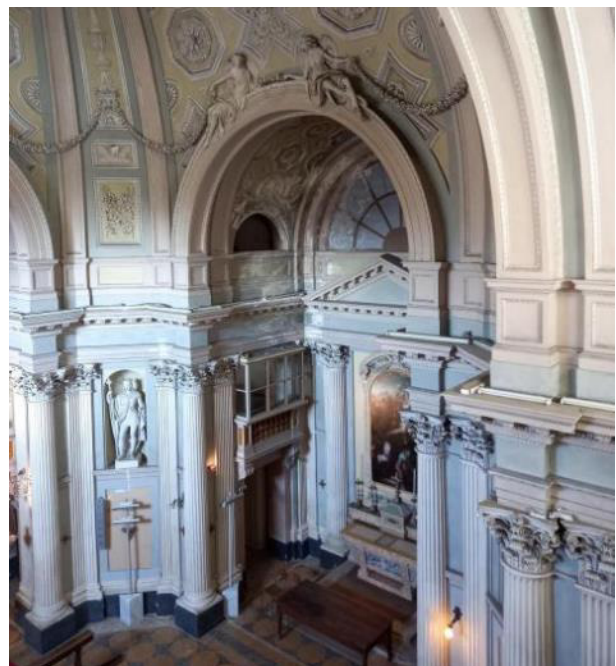
Villa La Tassinara, Desenzano (BS)

INTERVENTION	Restoration and conservative repair
ASSIGNMENT	Structural design and site assistance
CLIENT	Immobiliare VLT srl
TEAM	Arch. Ascitutto, Studio Berlucchi, TEAM srl, DVMEP srl, Di.Mo.Re srl, Arch. Di Muzio
WORKS VALUE	-
PERIOD	2022 – works in progress
DESCRIPTION	The seventeenth-century villa of the Arrighi counts, later home to the Fascist minister Giuseppe Tassinari, became an IBM training centre in the 1960s, and later a venue for parties and weddings. The firm handled the seismic vulnerability assessment and the seismic improvement structural design, within the wider restoration and general functional conversion project to create a luxury tourist and hospitality destination. The proposed interventions, following the minimum-intervention principle and aimed at achieving seismic improvement, include creating rigid diaphragms where none currently exist, using reinforced-concrete toppings or double timber boarding, constructing a seismically resistant roof, and installing a series of floor-level tie systems at all levels.



Villa Reale, Monza

INTERVENTION	Restoration and recovery of several buildings within the complex
ASSIGNMENT	Design* , site supervision and safety
CLIENT	ARIA S.p.A.
TEAM	Studio Berlucchi srl, Arch. Massimo Mazzoleni, Studio Croci e Associati, Fusina srl, Studio Ferrari Brocagoli srl
WORKS VALUE	€21,000,000
PERIOD	2021 – ongoing*
DESCRIPTION	The “Villa Reale e Parco” complex in Monza is an asset of exceptional importance, conceived by architect Canonica. The team led by Studio Berlucchi is tasked with meeting the requirements of the “Phase 1 Priority Interventions”, which involve the recovery of several buildings within an overall general vision. The works currently under way concern: • Park boundary wall and Royal Gardens; • Royal Chapel of the Villa: roof and façade rebuilding, restoration; • Creation of Info Points at Porta Vedano, Porta Biassono, and the former Villa Reale gatehouse; • Villa Mirabello: conservative restoration and urgent works; • Cascina Fontana: completion of recovery works (hayloft and stables); • Villa Reale – Former Riding School (Cavallerizze): restoration.

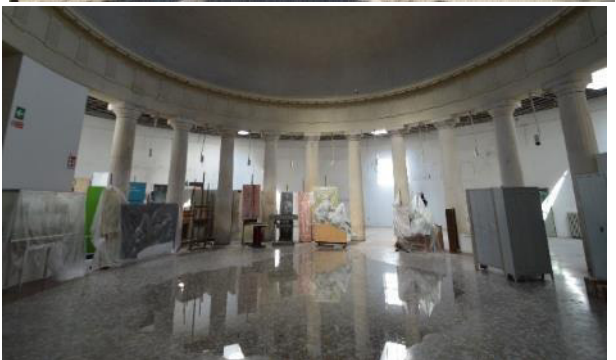


Monastery of San Pietro, Modena

INTERVENTION	Conservation, maintenance, restoration and enhancement, with earthquake-damage repair works	
ASSIGNMENT	Final design* and executive design	
CLIENT	MIC – Regional Secretariat of Emilia Romagna	
TEAM	Studio Berlucchi srl	
WORKS VALUE	€2,000,000	
PERIOD	2021-ongoing*	 
DESCRIPTION	The overall aim of the intervention is to continue and complete the repair works, with local strengthening, for the damage caused by the 2012 earthquake, and at the same time to restore and functionally convert the same spaces so as to make them fully usable and return them to proper use. The intervention will cover the area of the Chiostro delle Colonne and will house spaces for parish life and guest accommodation. The San Pietro monastic complex, located at the south-east edge of the historic centre of Modena, near what was once the San Pietro bastion of the same name, is one of the most historically and architecturally significant complexes in the city of Modena. Its foundation dates back to the late 9th century; in 1434, with its annexation to the Benedictine-Cassinese Order, a period of major renewal began for the Monastery, which expanded and took shape until reaching its current configuration, albeit with later additions and modifications during the 16th and 17th centuries and, above all, from the 19th century onward.	

Former Jappelli Slaughterhouse, Padua

INTERVENTION	Restoration and regulatory upgrading
ASSIGNMENT	Design, site supervision* and safety coordination
CLIENT	Province of Padua
TEAM	Studio Berlucchi (lead firm) AI Progetti, Seingim Global Service, Arch. Sartori, Eng. Cattani, Arch. Cocco
WORKS VALUE	approximately €10,000,000
PERIOD	2019 – ongoing*
DESCRIPTION	Inaugurated in 1822 as the city's slaughterhouse, the building has been used as a school since 1910. Since then, numerous changes have been made to adapt it to use and to the ever-evolving functional requirements of that purpose. It is the historic home of the Pietro Selvatico art school in Padua. The intervention aims at restoration and structural consolidation, as well as regulatory compliance and functional reorganisation. It will be carried out in two work lots. The first will involve restoring the historic building and demolishing the east pavilion. It will house functions requiring standard building services (classrooms, administrative offices, laboratories with non-complex equipment). The second will involve renovating the prefabricated building, which will house the carpentry and goldsmithing workshops, functions with a significant structural and building-services impact owing to the equipment involved.



Arco di Diana, Sant'Angelo in Formis

INTERVENTION	Temporary works for provisional safety measures
ASSIGNMENT	Executive design
CLIENT	Archaeological Superintendency B.A.P. for the Provinces of Caserta and Benevento
TEAM	Studio Berlucchi srl
WORKS VALUE	approximately €80,000
PERIOD	2019
DESCRIPTION	The works carried out consist of temporary safety measures for the "Arco di Diana", pending definition of the final consolidation intervention. The work is intended to allow pedestrians and vehicles to pass through the arch, not for use of the structure itself, for which a specific project will be required. The works mainly consist of two elements: timber centring on the intrados to relieve the vault of vertical loads and to laterally contain the structures, and ties on the intrados to contain the horizontal thrust of the vault.



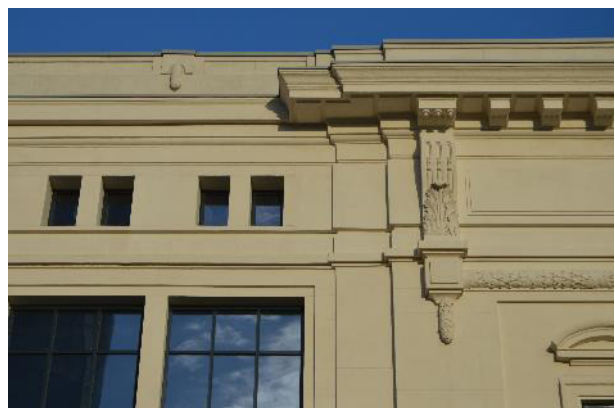
Villa Rezzaghi, San Giacomo delle Segnate

INTERVENTION	Restoration, seismic improvement and energy efficiency upgrading
ASSIGNMENT	Design, site supervision, safety
CLIENT	Municipality of San Giacomo delle Segnate (MN)
TEAM	Studio Berlucchi
WORKS VALUE	approximately €1,340,000
PERIOD	2020 – 2025
DESCRIPTION	Archival sources trace the villa back to the late 19th century. Within the courtyard, next to the railings running along Via Marconi, a memorial stone commemorates the bombing of 16 April 1945, with an inscription recording the post-war restoration. Inside the Villa, the intervention involves a change of use of the spaces, from residential to public. The ground floor will house a library with related sanitary facilities and a lift to reach the first floor. Here, a gallery walkway with a beautiful wrought-iron railing decorated with floral motifs leads to the council chamber and exhibition rooms. Despite the bombing, the villa has largely retained the typological and decorative features typical of Lombard Art Nouveau. Besides the wrought-iron railing, the entrance hall features two glass windows with curved frames, suspended ceilings with simple stuccowork, and timber panelling. All these elements will be removed, restored and reinstalled.



Former Pavilion 3, Palazzo delle Scintille, CityLife District, Milan

INTERVENTION	Restoration of the façades
ASSIGNMENT	Executive design
CLIENT	CityLife spa
TEAM	Studio Berlucchi
WORKS VALUE	approximately €6,350,000
PERIOD	2016 - 2018
DESCRIPTION	The former Pavilion 3 is a building of international character dating from the early decades of the 20th century. The façade restoration project was developed on the basis of the results of a survey and diagnostic-investigation campaign. Originally conceived as a freestanding structure, the pavilion was stripped of all later additions and underwent extensive removal of multiple layers of acrylic paint. The recoverable architectural elements and decorative cement features were then restored and preserved; for the most severely damaged elements, a restoration using pure volumes and simplified detailing was designed. The final colour scheme was calibrated to match the tones of the existing cement elements and was needed to provide overall colour continuity across the façades. The historic steel window frames were also restored where possible, with the addition of a micro-ventilation system to prevent condensation, and where replaced, the divisions and rhythms of the historic glazed panels were reworked in line with the principle of distinguishability.



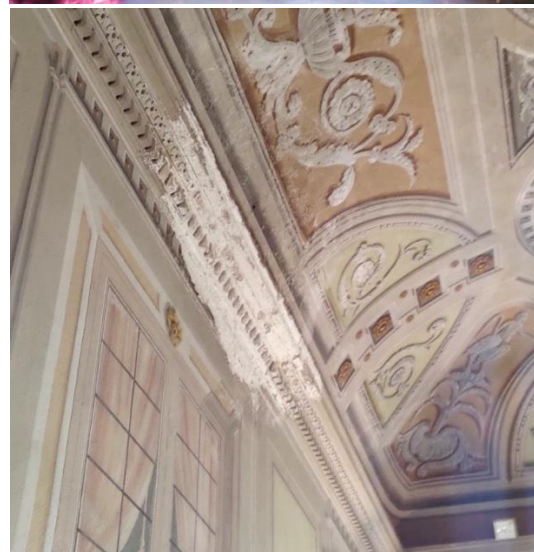
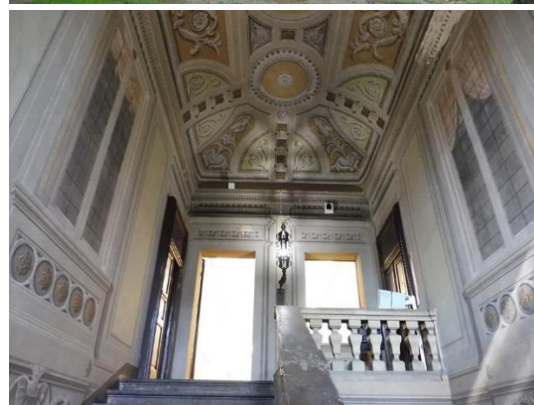
Rinnovata Pizzigoni School Complex, Milan

INTERVENTION	Conservative repair, functional upgrading and regulatory compliance
ASSIGNMENT	Design
CLIENT	CityLife spa
TEAM	Studio Berlucchi Studio Protecno Openproject srl AG&P Greenscape
WORKS VALUE	Approximately €16,000,000
PERIOD	2021-2023
DESCRIPTION	The “Rinnovata Pizzigoni” School is a state primary school run according to the Pizzigoni method, which offers an educational path based on the child’s concrete, personal experience. All the school’s spaces (the classrooms, corridors, workshops, outdoor classrooms, the agricultural pavilion, pens and stables, greenhouses and swimming pool) were designed around the method. The School Complex was built in 1927 in the Ghisolfi district and comprises several pavilions. The intervention includes restoration and conservative repair, with regulatory upgrading of the building services and existing structures of all the buildings. The complex covers an area of around 24,000 sq. m and comprises 5 buildings: the primary school, the nursery school, the farmer’s house, the swimming pool and the agricultural pavilion. A key design theme was the restoration of the façades, the timber and steel window frames, the historic furnishings and the decorative apparatus found in the reception spaces of the main building, as well as the external landscaping across the entire plot.



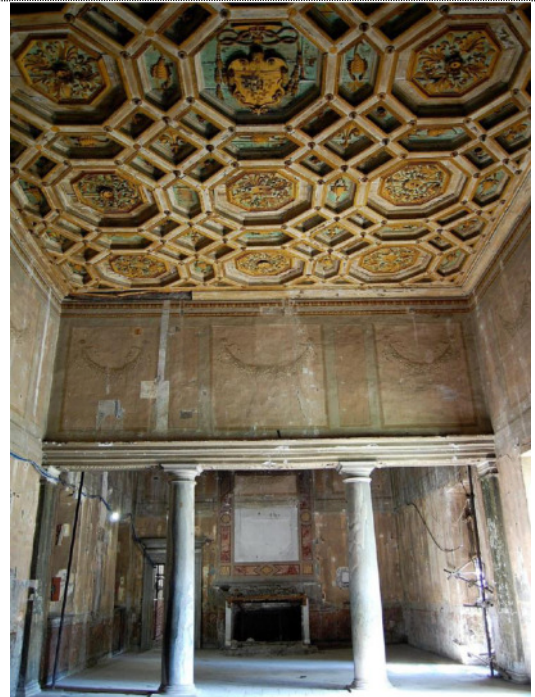
Villa Manzoni al Caleotto, Lecco

INTERVENTION	Upgrading, restoration and regulatory compliance works
ASSIGNMENT	Design
CLIENT	Municipality of Lecco
TEAM	Studio Berlucchi srl
WORKS VALUE	€3,750,000
PERIOD	2021 - 2023
DESCRIPTION	The original core of the Villa dates from the 16th century, of which only the basement levels remain. The upper floors of the complex were built in two phases, the first between 1634 and 1635 and the second around 1650. In the nineteenth century the farm-building section underwent a major reduction and, later, between 1960-70, substantial alteration works. Since 1980 it has housed the Lecco Civic Museum. The planned intervention involved a general redistribution of the spaces, through the extension of the museum route into the main block with the restoration of the first floor, consolidation of the roof space, and upgrading of the sanitary facilities. In the farm-building section, a space for events and ceremonies is planned in the Sala delle Scuderie, also to be used as a refreshment area serving the museum complex. The Casa del Custode will house a bookshop and an educational/workshop area connected to the museum's activities. The removal of architectural barriers was also addressed throughout the complex.

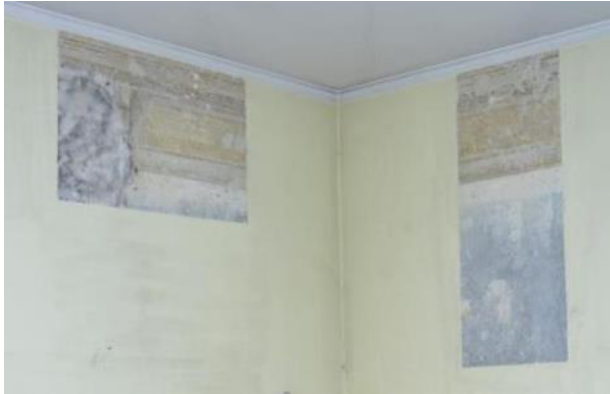


Palazzo Silvestri-Rivaldi, Rome

INTERVENTION	Consolidation, seismic improvement and safety works
ASSIGNMENT	Preliminary, final and executive design, site supervision
CLIENT	Mibac – Directorate-General for Education and Research
TEAM	Studio Berlucchi srl, Studio Leonardo srl, Legno doc
WORKS VALUE	€16,500
PERIOD	2020
DESCRIPTION	The palazzo, built between 1534 and 1549 to an initial design by Sangallo the Younger for Euralio Silvestri, is part of a larger complex covering over a hectare, which also includes a residential villa and a park with entrances from Via del Colosseo, Via del Tempio della Pace and Via dei Fori Imperiali. Palazzo Silvestri-Rivaldi, with around 21,000 cubic metres and 5,300 sq. m, is arranged around two courtyards. The project concerns the safety works and consolidation of the coffered timber ceilings of the “Sala degli Imperatori” and the “Sala delle Divinità Pagane” on the piano nobile, severely deteriorated by water infiltration and wood-boring insect damage. The planned works include modifying the existing shoring system, removing and preserving (where possible) the extrados timber decking, replacing the compromised main beams, and inserting steel-shoe splice reinforcements. Consolidation and cleaning of the ceilings from the extrados is also planned, along with anchoring and securing of the decorative timber elements, with cataloguing and storage of detached elements. The works aim to ensure public accessibility pending full restoration.



Palazzo Borghese, Rome

INTERVENTION	Restoration and conservative repair	
ASSIGNMENT	Consultant for the surface restoration project	
CLIENT	SIDIEF s.p.a	
TEAM	Studio Patricia Urquiola Studio 3C+t Studio Berlucchi SCE Project ESA Engineering GaE Engineering	
WORKS VALUE	€1,714,000 (surface restoration only)	
PERIOD	2021-2023	
DESCRIPTION	The surface restoration project developed is part of a broader refurbishment and recovery project for the entire palazzo, located in Piazza Borghese in Rome. It is a restoration and recovery project that includes the creation of luxury long-stay and short-stay residential units on the upper floors, while the ground floor will be used for retail, spa and restaurant activities. The restoration project focused on the recovery of the architectural surfaces, both external and internal. In particular, beneath numerous fairly well-adhered layers of white paint, a series of frescoed vaults came to light, featuring floral motifs, putti and geometric patterns. It was therefore decided to proceed with the restoration of these valuable vaults, which will house the more prestigious, representative units of the residential complex.	 

Palazzo dei Cento Preti, Lungotevere Vallati, Rome

INTERVENTION	Restoration and conservative repair of the elevations and rebuilding of the roofs of the Conservatorio Pontificio San Clemente and the Ospizio dei Cento Preti
ASSIGNMENT	Co-designer
CLIENT	Vicariate of Rome
TEAM	Studio Croci (lead firm) Studio Berlucchi
WORKS VALUE	n/a
PERIOD	2017-2018
DESCRIPTION	A thorough stratigraphic survey of the building concerned, a fine structure dating from the late 16th century, revealed a complex construction history reflecting the adaptations to different uses over time. During the analysis phase, the oldest portions of the complex were identified, along with the areas subject to deterioration, mainly caused by human intervention as well as by the general physical decline of the context. The investigations showed that, despite the different functions within the building, its original finish was unified across both the Conservatorio and Ospizio sections. The planned intervention, in line with the Superintendency's requirements, aims to restore the unified architectural reading originally conceived, removing additions incompatible with the existing fabric, while respecting the historical stratification of the interventions that followed.



Former Casinò del Lido di Venezia

INTERVENTION	Restoration, functional upgrading and refurbishment
ASSIGNMENT	Final and executive design and specialist works supervision
CLIENT	Municipality of Venice
TEAM	Studio Berlucchi (lead firm) Prof. Arch. Eugenio Vassallo Al Progetti Seingim Global Service
WORKS VALUE	approximately €10,500,000
PERIOD	2018 – 2023
DESCRIPTION	The project addresses regulatory aspects (fire prevention), building-services provision, structural consolidation, architectural aspects, and restoration of the interior surfaces. Planned solutions include: new external staircases, consolidation of certain floor slabs, new cinema and conference halls, and recovery of the marble and interior decorations with a view to enhancing the building. The intervention (highly complex in seeking solutions that reconcile regulatory, performance, conservation and space-enhancement requirements) aims to expand and strengthen the spaces available for year-round conferences and performances, as well as to provide a series of cinema spaces (temporary and permanent) for the Fondazione la Biennale di Venezia for the International Film Festival.



Polirone Monastery, S. Benedetto Po, Mantua

INTERVENTION	Restoration and seismic improvement
ASSIGNMENT	Preliminary, final and executive design design and site supervision across several work lots
CLIENT	Municipality of S. Benedetto Po
TEAM	Studio Berlucchi (with Studio De Vito or Studio Comes)
WORKS VALUE	approximately €5,800,000
PERIOD	2006 – 2023
DESCRIPTION	The intervention on the monastery was developed across several functional work lots. The first phase, between 2006 and 2012, covered the design and site supervision of the functional and regulatory upgrading and restoration of the Ethnographic Museum, located in the Chiostro di S. Simeone. Following the damage caused by the 2012 earthquake, the firm also handled the design and site supervision for the structural reinforcement of the Museum and the Ala Giorgi, with roof stiffening and crack repair, as well as the consolidation of the roofs of the Library and the former refectory and the restoration of the decorations of the latter and of the monumental staircase. As for the structural works, the firm also carried out the design for the former infirmary and the entire Chiostro dei Secolari (for which the executive design was developed using the BIM system).



Villa Arrigona, S. Giacomo delle Segnate, Mantua

INTERVENTION	Restoration and seismic improvement
ASSIGNMENT	Preliminary, final and executive design and site supervision
CLIENT	Private client
TEAM	Studio Berlucchi (with Studio De Vito)
WORKS VALUE	approximately €5,500,000
PERIOD	2015 - 2018
DESCRIPTION	Villa Arrigona is a valuable historic residence arranged in four blocks dating from different periods (between the 17th and 18th centuries). Consolidation and seismic improvement works were carried out on the entire residence following earthquake damage. Although extensive and substantial works were required, given the historic character of the villa, interventions were designed to limit the impact on the building, to reconstitute the masonry fabric using materials and techniques similar to the existing ones, and to improve seismic behaviour following the principles of reversibility and distinguishability. Of particular interest is the roof-reinforcement solution, with the addition of perimeter lattice elements that ensure the “box” behaviour of the building while at the same time allowing the spatial extent of the collapsed vaults to remain legible.



Rocca d'Anfo, Brescia

INTERVENTION	Safety works on the Batteria Statuto and new pedestrian bridge
ASSIGNMENT	Final and executive design, site supervision, safety coordination
CLIENT	Comunità Montana Valle Sabbia
TEAM	Arch. Fiorenzo Meneghelli Studio Berlucchi
WORKS VALUE	approximately €950,000
PERIOD	2018 – ongoing
DESCRIPTION	Part of a wider refurbishment and enhancement project for the Rocca d'Anfo complex, the work will initially focus on the safety and consolidation of the Batteria Statuto, a historic lakefront structure heavily damaged during the Second World War by an explosion and by the decades of neglect that followed. The removal of existing rubble, the consolidation of the old structures, and the reinstatement of collapsed elements will precede the construction of a pedestrian footbridge crossing the state road, connecting the Battery to the Rocca park. Visitors will thus be able to enjoy the unique view over Lake Idro, using a safe route leading to the park trails, in particular the one currently connecting to the Zanardelli barracks warehouse, which requires upgrading works.



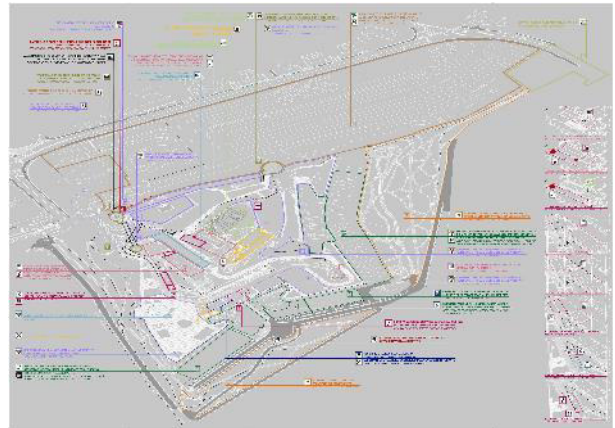
Drugolo Residential Tourism Complex, Brescia

INTERVENTION	Implementation plan for the historic village and conservative restoration and functional upgrading works
ASSIGNMENT	Final and executive design, site supervision, safety coordination
CLIENT	Private client
TEAM	Studio Berlucchi
WORKS VALUE	approximately €2,200,000
PERIOD	2017 – 2019
DESCRIPTION	The implementation plan concerns the restoration of the Drugolo complex, an ancient village that developed near the castle of the same name, in the municipality of Lonato del Garda. The plan involves, on one hand, recovering the valuable built heritage and, on the other, demolishing recent buildings and unauthorised additions. The planned interventions are guided by the principles of respecting and preserving the historical, environmental and architectural identity of the village, which is why the character of the buildings will not be altered and the appearance of the existing structures will be preserved as far as possible. Works are planned to reinforce and preserve the surviving historic structural elements, and to reorganise the layout of the spaces, including through the removal of additions made over time that are unrelated to the original building fabric.



Castello di Brescia

INTERVENTION	Enhancement of the fortress and the Cidneo hill
ASSIGNMENT	Feasibility Study
CLIENT	Municipality of Brescia
TEAM	Studio Berlucchi Prof. H. De Varine Arch. F. Meneghelli Eng. F. Robecchi Eng. A. Arengi
WORKS VALUE	approximately €2,200,000
PERIOD	2011
DESCRIPTION	The aim of the feasibility study was to enhance the Castello di Brescia and the neighbouring areas of the Cidneo hill, returning this heritage asset to the city by restoring the existing structures, appropriately reorganising the open spaces, and bringing back into memory the archaeological excavations carried out in the past. New functions and initiatives were considered to broaden the offer and increase its appeal to residents and tourists, so as to increase visitor numbers and make the best use of the spaces and times of use, also upgrading the areas currently unfit for use and closed to the public, with attention to removing architectural barriers to allow the fullest possible use of the asset.



Margutta 19 Luxury Hotel, Rome

INTERVENTION	Renovation and conversion into a luxury hotel
ASSIGNMENT	Executive design and site supervision
CLIENT	Private client
TEAM	Studio Berlucchi Aldo Rossi Associati
WORKS VALUE	approximately €3,500,000
PERIOD	2017 - 2018
DESCRIPTION	The firm developed a renovation project involving a change of use for a building originally intended for tertiary-sector use, converting it into a luxury hotel comprising 16 suites, including 1 dependance with a garden. Given its location in the heart of Rome, close to Piazza del Popolo, and the aim of creating a hotel combining modernity and elegance, fine finishes were specially designed for the suites, the restaurant and other common areas, as well as for the external façades.



University Library in the Chiostri del Carmine, Brescia

INTERVENTION	Renovation and restoration for the Library of the University of Brescia
ASSIGNMENT	Preliminary, final and executive design and site supervision
CLIENT	University of Brescia
TEAM	Studio Berlucchi (lead firm) Arassociati GPC Arch. Crescini Coprat
WORKS VALUE	approximately €8,800,000
PERIOD	2002 - 2005
DESCRIPTION	The project involves the construction of the new library of the University of Brescia within the complex adjoining the Church of the Carmine, arranged around three cloisters: the main cloister, the bell cloister and the kitchen cloister. The two main reading rooms are located in the former 15th- and 16th-century refectories on the ground floor and are directly connected to the underground storage areas by a book lift. The storage areas were built below ground level to avoid overloading the historic structures. Among the distinctive features of the intervention are the decision to preserve all the changes the complex has undergone over its history, restoring the original plasterwork and avoiding stylistic interventions, the preference for steel elements in structural works to reduce loads, and the use of underfloor heating and cooling systems. The solutions adopted ensure compliance with safety regulations, particularly for fire prevention, while achieving a high quality standard and minimising the impact of technological installations on the historic fabric.



Villa Vergine, Brescia

INTERVENTION	Restoration and structural consolidation
ASSIGNMENT	Preliminary, final and executive design and site supervision
CLIENT	Private client
TEAM	Studio Berlucchi
WORKS VALUE	approximately €1,000,000
PERIOD	2013 - 2016
DESCRIPTION	Villa Vergine is an important monumental building whose original core dates from the 17th century and is arranged in three wings around a large internal courtyard. The restoration, which did not involve the manor house in the north block but rather the east and south wings, consisted of the functional recovery of spaces used as ancillary rooms (storerooms, warehouses, stables) through works that, following the “minimum intervention” principle, allowed the introduction of a new, compatible use – residential – while at the same time preserving the original spatial and architectural perception of the rooms. Four residential units were created, arranged over two levels with the living area on the ground floor and the sleeping area on the first floor. The interventions ensured compatibility between the pre-existing materials and those used for the integrations, guaranteeing homogeneous behaviour over time, while respecting the typological, formal and structural features of the building itself.



Municipio of S. Benedetto Po, Mantua

INTERVENTION	Restoration and reinstatement with seismic improvement
ASSIGNMENT	Final and executive design and site supervision, safety coordination
CLIENT	Municipality of S. Benedetto Po
TEAM	Studio Berlucchi (lead firm) Studio De Vito Eng. Raphael Caratti
WORKS VALUE	approximately €2,400,000
PERIOD	2012 - 2016



Municipio of Castiglione delle Stiviere, Mantua

INTERVENTION	Restoration with reinstatement and seismic improvement
ASSIGNMENT	Executive design and/or site supervision (across several work lots), safety coordination plan
CLIENT	Municipality of Castiglione delle Stiviere
TEAM	Studio Berlucchi
WORKS VALUE	approximately €1,150,000
PERIOD	2016 - 2018



Arzaga Golf Club – Hotel, Calvagese della Riviera

INTERVENTION	Renovation with conversion into a luxury hotel
ASSIGNMENT	design (preliminary, final, executive), site supervision
CLIENT	Private client
TEAM	Studio Berlucchi
PERIOD	1995 - 1998
DESCRIPTION	The central, defining feature of the setting is the sumptuous Palazzo Arzaga, an ancient fifteenth-century residence rich in history, art and culture, subject of the renovation works that transformed it into a luxury-category hotel, surrounded by a lush 144-hectare park used as a golf course. The renovation, carried out in close collaboration with the Superintendency for Architectural and Environmental Heritage of Brescia, Mantua and Cremona, involved the conservative restoration of the ancient palazzo of conventual origin, enhancing the existing structures, and the excavation of the old orchard/kitchen garden, which allowed sports facilities and clubhouse-support structures to be created within it, all covered by a large lawn and a swimming pool that follows the natural contours of the land. The building presents itself as harmonious and well integrated into its setting. The landscape context of the historic Arzaga complex is also characterised by an extensive park, now used as golf courses, which creates an area of landscape value in the form of meadows, though still shaped by human intervention and not freely accessible, being enclosed private property comparable to a private garden.



Palazzo Piccolo Maggi, Calino di Cortefranca, Brescia

INTERVENTION	Restoration and structural consolidation
ASSIGNMENT	Architectural design (final, executive)
CLIENT	Private client
TEAM	Studio Berlucchi
PERIOD	2003 - 2005
DESCRIPTION	Palazzo Piccolo Maggi, a sixteenth-century building located at Calino di Cortefranca within the larger farm complex, from which it stands out for its architectural features, rises over four storeys above ground and has a portico with arches protecting the entrance. At the time the project was drawn up, the building's state of conservation was structurally good for both the walls and the floors, unlike the roof, whose main framing appeared largely bowed and affected by rot. The external plasterwork and timber window/door frames were also in a critical condition. The main works addressed limiting rising damp, completely rebuilding the roof, and consolidating the frescoed ceiling of the first-floor hall, working from the roof space so as not to affect the painted decoration. The façades were reinstated respecting the state of conservation of the existing plaster, while the window and door frames were replaced with new ones retaining the same constructional and aesthetic characteristics. The restoration of the interior frescoes, many attributable to Lattanzio Gambara, was also carried out with great care.



Palaleonessa (Brescia Industrial Exhibition Centre), Brescia

INTERVENTION	Functional upgrading with seismic improvement
ASSIGNMENT	Site supervision and safety coordination
CLIENT	Immobiliare Fiera
TEAM	Studio Berlucchi (lead firm) Eng. Caratti (building-services works supervisor)
WORKS VALUE	approximately €7,000,000
PERIOD	2017 - 2018



Casa degli Artisti, Milan

INTERVENTION	Restoration
ASSIGNMENT	Executive design and site supervision
CLIENT	Private client
TEAM	Studio Berlucchi Aldo Rossi Associati
WORKS VALUE	approximately €1,600,000
PERIOD	2011 - 2015



Façade restoration, Palazzo in Piazza Castello, Milan

INTERVENTION	Façade restoration of a residential building facing the Castello Sforzesco
ASSIGNMENT	Architectural co-design Restoration and fire-prevention design Site supervision and safety coordination
CLIENT	Private company
TEAM	Studio Berlucchi
AMOUNT	n/a
PERIOD	2022-2023



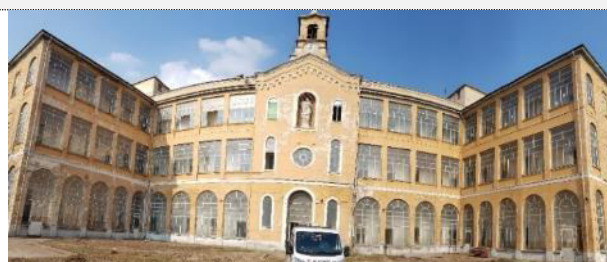
Hotel building, Via Senato 5/7, Milan

INTERVENTION	Restoration and conversion into a hotel
ASSIGNMENT	Consultancy for the review of the listed-heritage constraint
CLIENT	Società Reale Immobili spa
TEAM	Atelier Michele De Lucchi (aMDL) BIP Belvedere Inzaghi & Partners Studio Berlucchi
PERIOD	2021



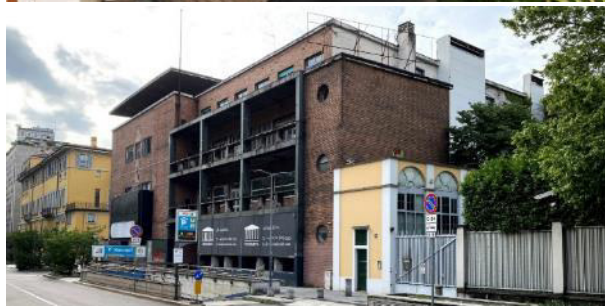
Hotel building in the Horti di Porta Romana area, Milan

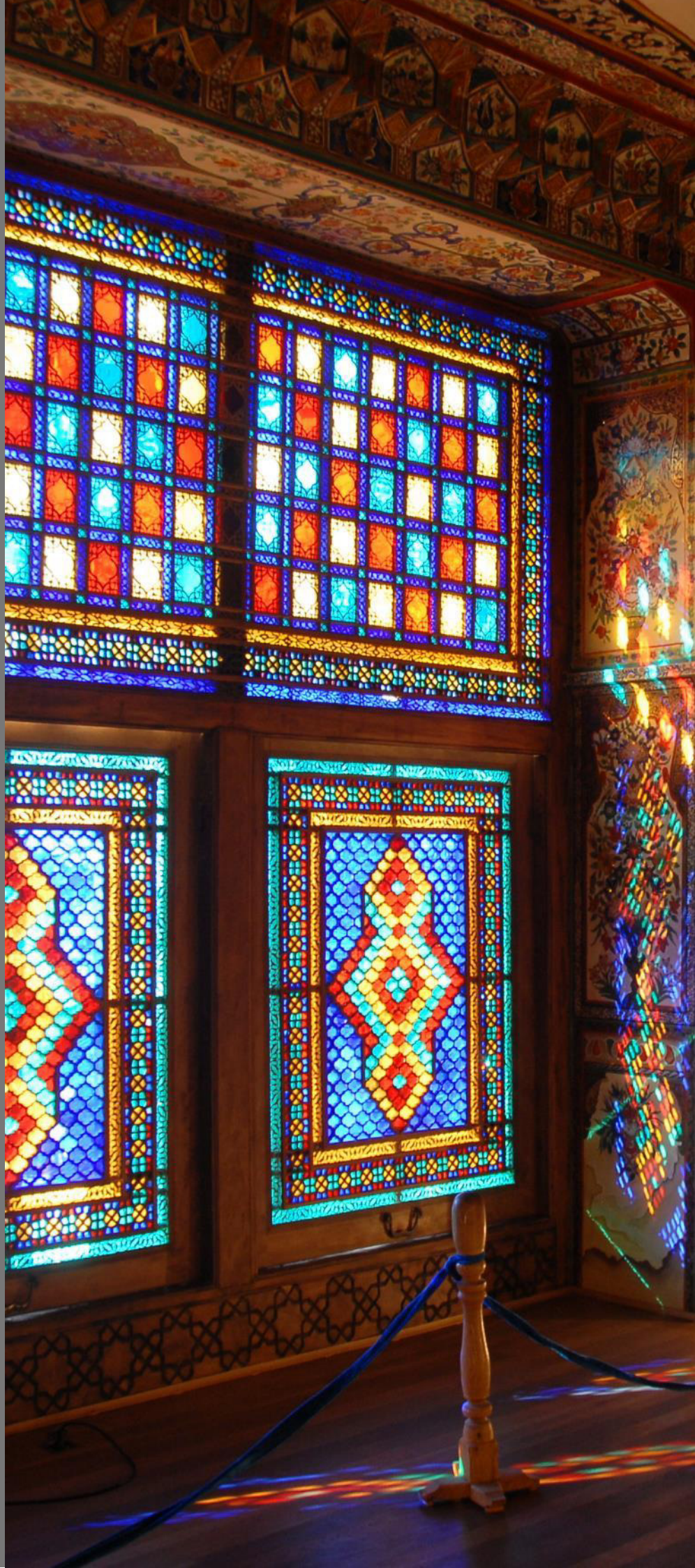
INTERVENTION	Building recovery and conversion into a hotel
ASSIGNMENT	Consultancy for Superintendency procedures, design and supervision of restoration works
CLIENT	BNP Paribas Real Estate
TEAM	Studio Berlucchi <i>designed by:</i> <i>Atelier Michele De Lucchi (aMDL)</i>
AMOUNT	n/a
PERIOD	2018-2021



Hotel building, former Opera Nazionale Balilla, Milan

INTERVENTION	Building recovery and conversion into a hotel
ASSIGNMENT	Architectural co-design Restoration and fire-prevention design Site supervision and safety coordination
CLIENT	Trophaeum Asset Management Ltd
TEAM	Studio Berlucchi Arassociati
AMOUNT	€6,000,000
PERIOD	2020-ongoing





International experience and UNESCO World Heritage

International experience and UNESCO World Heritage

UNESCO WORLD HERITAGE | GEORGIA

Gelati Monastery – Gelati, Kutaisi

TASK | Scientific Supervision and Overall Coordination for the development of a conservation program for Gelati Complex (2025)

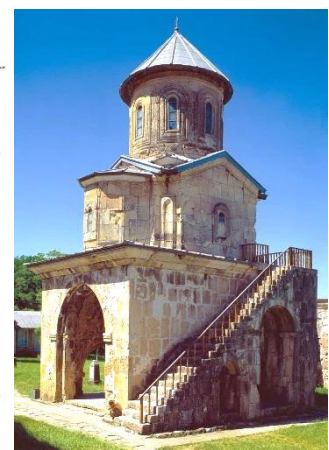
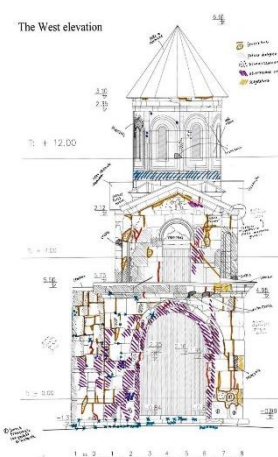
CLIENT | Gelati Rehabilitation Provisional Committee

DESCRIPTION

Gelati Monastery, inscribed on the World Heritage List in 1994, is a masterpiece of Georgian Golden Age architecture. The monastery complex includes the Church of the Nativity of the Virgin (Main Church), St. George's Church, and other monastic buildings, renowned for their architectural and artistic significance, including well-preserved mosaics and wall paintings. However, deficiencies in the roofs installed on the Main Church between 2015 and 2019 led to water infiltration and subsequent deterioration of the historic murals.

Moreover, all other historic structures within the Gelati Monastery are in a poor state of conservation, with the Churches of the Nativity of the Virgin and St. George being of particular concern.

The contract concerns consultancy services for scientific supervision and overall coordination of a holistic conservation program for the Churches of the Nativity of the Virgin and St. George at Gelati Monastery. Services include preparing Terms of Reference for restoration works (roofing, drainage, stabilization, interior/exterior conservation), defining methodologies for removing existing coverings, guiding a Georgian multidisciplinary team, both in diagnostics and planning, and developing action plans and reports. The project will also include conservation plans for the Bell Tower and St. Nicholas Church, in line with UNESCO guidelines.



MOLDOVA

Bender Fortress – Tighina/Bender

TASK | Feasibility Study and Masterplan for the enhancement of Bender Fortress

CLIENT | European Union Delegation to Moldova through its operational contractor UNDP

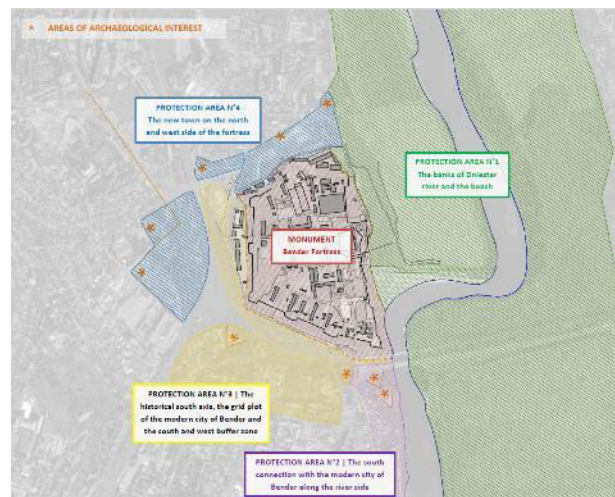
DESCRIPTION

The Fortress of Tighina (also called Bender) is located in Moldova in transnistrian region, near the Nistru River, on a slightly elevated position.

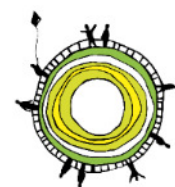
After a first work of securing the Citadel, our group, which includes experts in landscape, restoration and economic processes, is now engaged in the elaboration of the feasibility study and a general masterplan for the valorization of the entire bastioned fortress.

The external fortress, that delimits the area of several tens of hectares on which our work will focus, were built between 1617 and 1619. The modernization of the fortress took place between 1791 and 1794 with interventions to external sticks and construction of the side towards the river, in this occasion it was also built a new defensive line between the Citadel and the lower fortress. New interventions to improve and reinforce the external fortress were done in 1820-1840. In Twentieth century many structures were added to the fortress and they still characterize the appearance of the fort, the Citadel and the lower fortress remained out of use for a long time. In 2008 began the reconstruction of some parts of the fortress, in particular the Citadel, involved in a general tourist development plan.

Although the fortress (particularly the citadel) has been the object in the last 10 years of many interventions of various type, there are some problems of conservation and security for visitors yet. It's also necessary to consider and work on the entire fortress in order to enhance it.



This project is funded
by the European Union



Empowered lives.
Resilient nations.

MOLDOVA

Bender Fortress Citadel – Tighina/Bender

TASK | Technical expertise, preliminary project and detailed project

CLIENT | European Union Delegation to Moldova through its operational contractor UNDP

DESCRIPTION

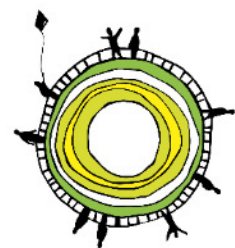
The Fortress of Tighina (also called Bender) is located in Moldova in transnistrian region, near the Dniester River, on a slightly elevated position. There's no unanimity on the first foundation of the fortress, but it's quite sure that the Citadel was built between 1538 and 1541 with the conquest by the Ottomans of the city. Although the fortress (particularly the citadel) has been the object in the last 10 years of many interventions of various type, there are some problems of conservation and security for visitors yet.

The project on the Bender fortress is one of the flagship projects of the European Union Confidence Building Measures Programme (EU-CBM V), funded by the European Union and implemented by UNDP Moldova. The general objective of the program is to increase trust between the two banks of the Nistru river through various activities, including the protection of cultural heritage, providing support to the cultural sector to invest in the future of the country and facilitate conflict resolution.

Our group was engaged to conduct the technical expertise (architectural survey, diagnostic and archaeological campaign, historical research...), the preliminary project and the detailed project for the conservation and the structural rehabilitation of some elements in critical conditions: the octagonal tower, the water tower, the modern buttress of the lower wall belt, part of the Citadel ruined etc.



This project is funded
by the European Union



*Empowered lives.
Resilient nations.*

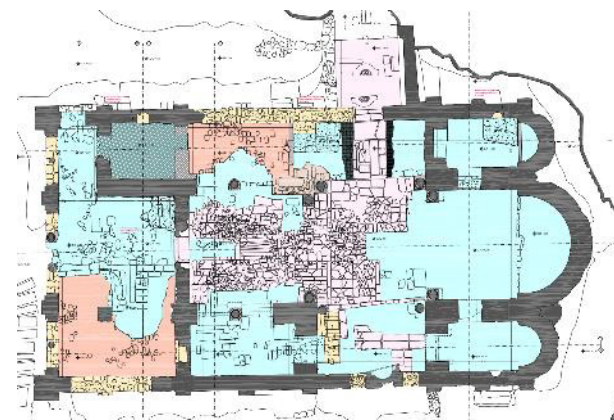
Hagia Sophia Mosque – Ainos/Enez

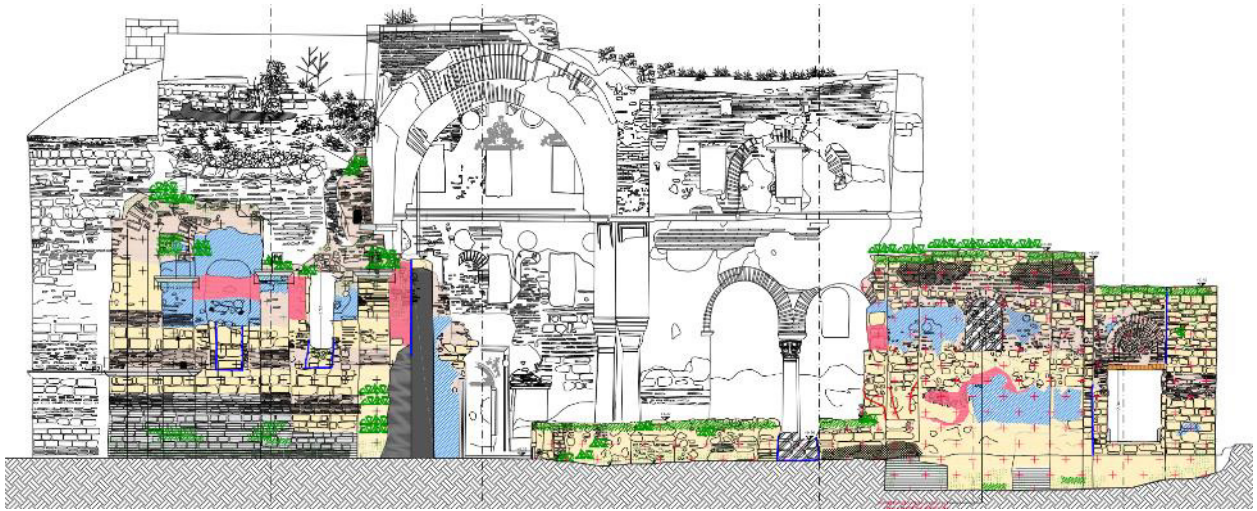
TASK | Group leader of the executive project, architectural designer and restoration for the reconstruction and restoration of the mosque

CLIENT | Directorate General of Foundations (VGM) of Turkish government

DESCRIPTION

The ancient Enez Fatih Camii mosque is an important building in the city of Enez, built in the twelfth century and converted into a mosque in 1455. What remains today are the ruins that survived a collapse occurred in 1962. Starting from photographs of the '20s and '60s, from the relief of the ruins and thanks to the application of the mathematical proportion to the perspective, it was possible to reconstruct the missing heights with a good approximation. Once the existing elements have been consolidated, it is planned to rebuild the areas with traditional techniques, creating the collapsed roofs with light elements. The intervention, always perfectly identifiable so as not to create a false historical, will lead to the reconstruction faithful to the original, without canceling the changes suffered by the building before the collapse and above all in full respect of the original materials.





TURKEY

Beyazit Medresesi in Fatih (for tender) – Istanbul

TASK | Invitation to tender - Project proposal for the Calligraphy Museum exhibition (cooper. A & R Progetti studio and Tuana Akad).

CLIENT | Directorate General of Foundations (VGM) of Turkish government

DESCRIPTION

The interiors have been designed to integrate furnitures with the geometry of the walls and to accommodate a large number of manuscripts and paintings. The domes in the rooms are lit by modern suspensions, custom-designed like the traditional Turkish chandeliers. Suspended from chain chains in the corridors, a series of projectors illuminate the many works of Turkish calligraphy. The lightness of the glass, the sinuosity of the tanned benches and the magnificence of the green oil velvet coverings combine to pay tribute to one of Istanbul's most beautiful madrasas.



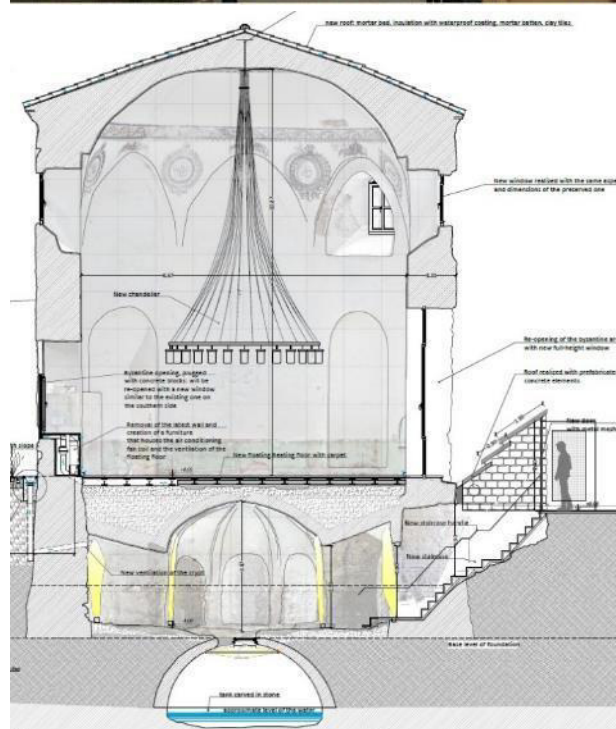
Sheikh Süleyman Mosque – Istanbul

TASK | Restoration and reintegration project proposal

CLIENT | Directorate General of Foundations (VGM)
of Turkish government

DESCRIPTION

In order to rediscover the original soul and the historical importance of the building, it was decided to design each part with great attention to historical value and style, starting from the moment when the mosque was built. Thanks to an extensive collection of archival data and the study of images and sources, elements that had been lost over time were recovered and this was not done to reconstruct the building according to a hypothetical ideal solution, but to restore it in a coherent way, thanks to the removal of all visibly non-original elements. After a first diagnostic campaign developed using laserscanner, thanks to which it was possible to detect the state of conservation, a restoration project was elaborated that also took into consideration the architectural and historical aspects, which are purely conservative. In fact, the ancient Ottoman decorations have been brought to light, the window frames have been replaced with similar profiles to the existing ones and, if on one hand the floors have been redone with the insertion of radiant panels, on the other it was decided to maintain the structure of coverage by restoring it with the same materials.



Gok Medrese - Sivas

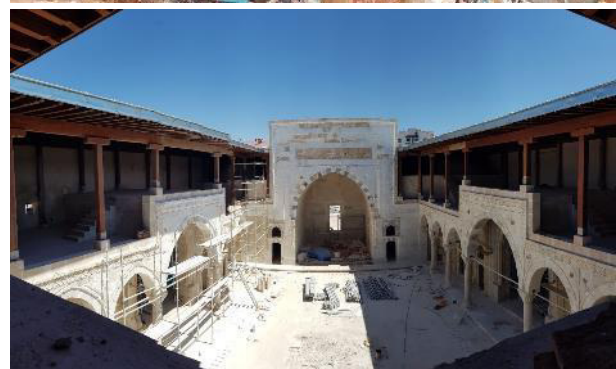
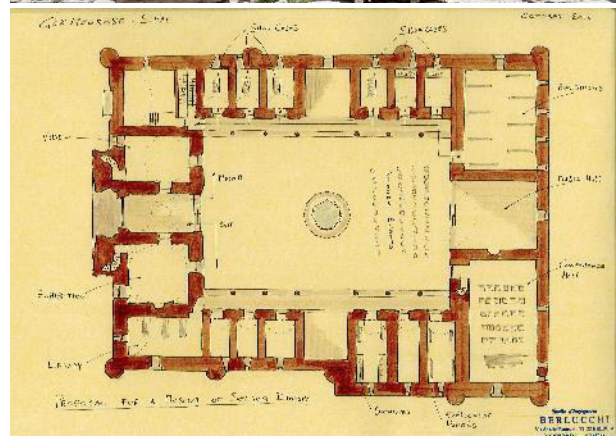
TASK | Project proposal for restoration and reintegration. Coordinator and scientific supervision of the project verification and control of the works.

CLIENT | Directorate General of Foundations (VGM) of Turkish government

DESCRIPTION

Gökmedrese or Gök Medrese (literally: "Celestial Madrasah" or "Blue Madrasah"), also known as Sahibiye Medresesi, is a 13th-century medrese, an Islamic educational institution, in Sivas, Turkey.

The medrese was commissioned by Sahip Ata Fahrettin Ali, a vizier and the de facto ruler of Seljuk Sultanate of Rûm after the death of Pervane in 1277. Up to 1271, he was usually in good terms with Pervane. He commissioned many buildings in Anatolia. Gökmedrese is one of the most imposing of all. The original name of the medrese is Sahibiye, referring to Sahip Ata. But it is usually known as Gökmedrese, because of the sky-blue tiles used at the building. The firm designed a project proposal for surface restoration and also for a new internal glass cover. Ing. Berlucchi is now involved as Coordinator and scientific supervisor of the project.



TURKEY

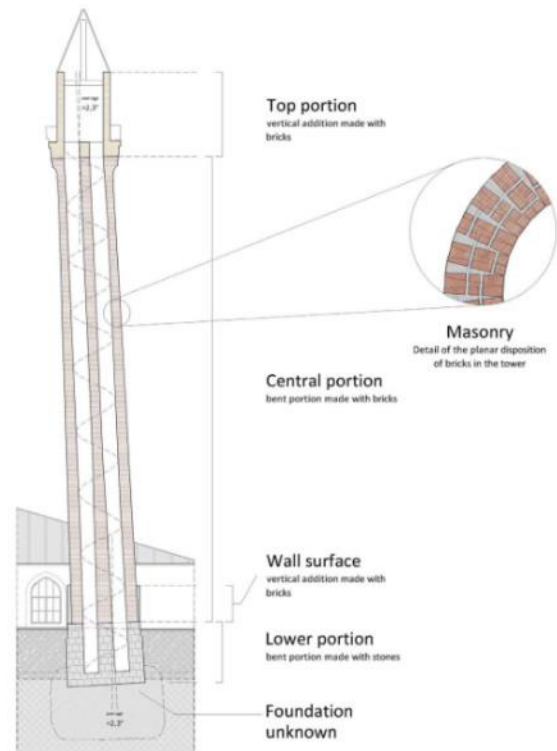
Ulu Cami Minaresi - Sivas

TASK | Scientific supervision, restoration project, coordination of the diagnostic campaign

CLIENT | Directorate General of Foundations (VGM) of Turkish government

DESCRIPTION

The study dealt with the analysis of the state of conservation of the walls and of a widespread campaign of endoscopic investigations on the structure of the Minaret of Sivas, in order to characterize the materials and identify any degradation. After having established a general scheme that recreated the composition of the mortars, the results obtained from the endoscopic investigations have been integrated by larger studies such as historical research and stratigraphic surveys. The analysis revealed the use of stone in the base area and that of the bricks in the central body of the minaret. The summit portion was rebuilt in bricks following the collapse of the original one, as emerged from the observation from within the different aspect of the wall structure in the junction area between the top and the central part. A monitoring of the shifts of the structure was also carried out to collect data useful for the realization of a seismic analysis and the investigations on the foundations were planned, to obtain otherwise non-existent information.



TURKEY

St. Giovanni di Studio or Imrahor Ilyas Bey Camii - Istanbul

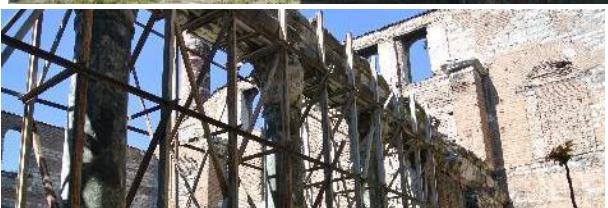
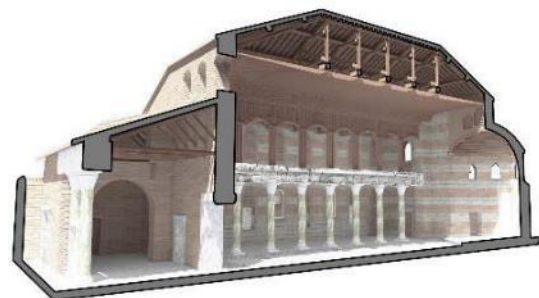
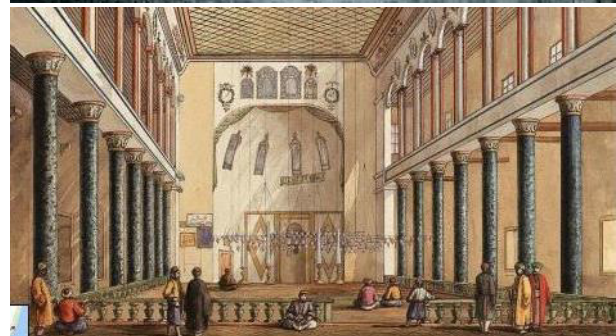
TASK | Project proposal for restoration and reconstruction, in progress the assignment for scientific supervision for the building site

CLIENT | Directorate General of Foundations (VGM) of Turkish government

DESCRIPTION

Studion or Studios Monastery was founded in Constantinople before 454 by consul Studio who placed it under the patronage of St. John the Baptist Prodhomos, called the "Precursor": it was located towards the western edge of the city, near the Golden Gate, near at the Sea of Marmara. In the XIII century the church was restored by Michele VIII Paleologo (1259-1282). The floor mosaic dates back to this period. The church is converted into a mosque under Beyazid II (1481-1512). It suffers fires in the eighteenth and nineteenth centuries.

The study elaborated a project proposal for restoration of the mosque based on the principle of distinctiveness, respecting the original structure and at the same time revisiting the original image of the building before abandonment; the project involves the conservative restoration of the surfaces and the reintegration of the gaps and the missing structures through new wooden elements with a simplified design.



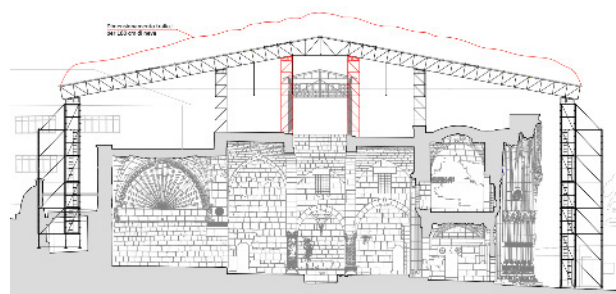
Ulo Camii Mosque - Divrigi

TASK | Only foreign member of the scientific committee for restoration. Diagnostic campaign, proposal for restoration project, temporary cover project

CLIENT | Directorate General of Foundations (VGM) of Turkish government

DESCRIPTION

First Turkish buildings to be registered on the World Heritage List UNESCO, the Great Mosque and the Hospital of Divrigi were built in the 13th century by the Shah Ahmed and his wife. The Mosque is renowned for its monumental architecture, its hexagonal dome and its original decorations carved in stone. The status of unique masterpiece is based on the quality of the decorations in the stone of the great portals. The mosque has been the subject of an accurate survey of the state of conservation of the walls and of a widespread campaign of endoscopic investigations on the structures, with the aim of identifying the material composition and any forms of deterioration in progress, among which empty and important cavities above all in the lower portion of the main façade. So it was considered appropriate to also execute the georadar on the entire façade, to verify the actual consistency of the voids and the relationship that can exist between these and the substitution works of ancient stone blocks deteriorated with new elements often of smaller size inserted with the use of low quality mortars and low resistance over time. The feasibility project for the assembly of a large temporary cover was also developed in order to remove the sheet currently present on the building and carry out a conservation operation.



AZERBAIJAN

Shaki Khans Palace - Shaki

TASK | Group leader of diagnostic investigations and restoration project

CLIENT | Ministry of Culture of Azerbaijan Republic

DESCRIPTION

Shaki Khans Palace was a summer residence for the Shaki Khans, vassal of one of the strongest feudal states in Caucasus under Iranian suzerainty. It was built in 1797 by Muhammed Hasan Khan.

Eng. Nicola Berlucchi has been group leader of diagnostic investigation and restoration project of all decorated surfaces in last total restoration project of the Palace in 2002.



Ministry of Culture of Azerbaijan Republic
Shekikhans Palace in Sheki City
30.1.2002



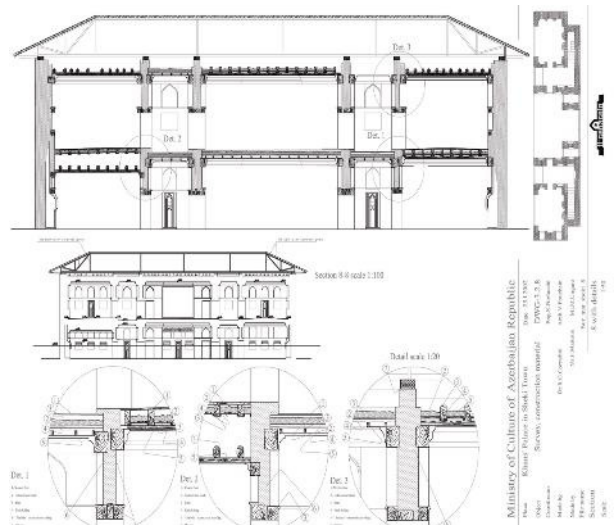
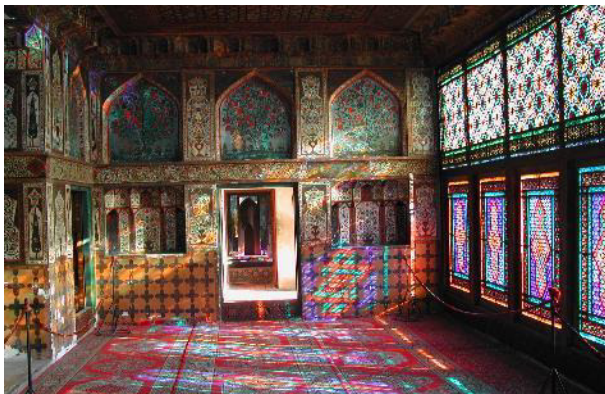
Geometrical surveys



Visual inspection of deterioration

Coordinator
Eng. Nicola Berlucchi

Made by
Dr. R.G. Corradi, Arch. V. Piroshkin
M.F. Morali, Mr. M. Ungaro



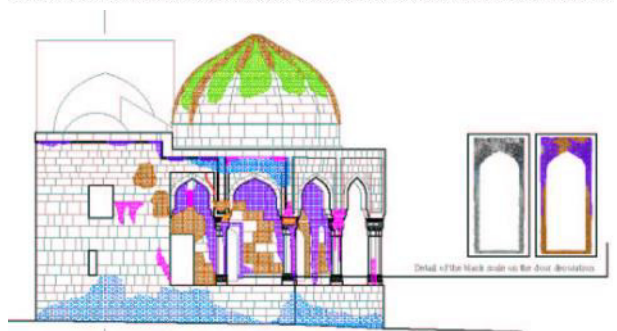
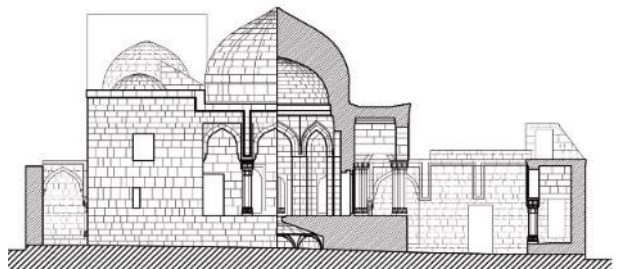
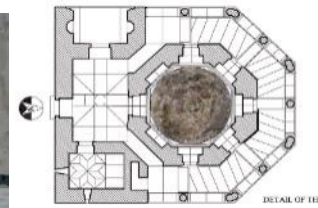
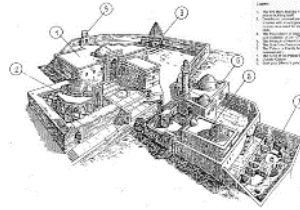
Divanhana Palace - Baku

TASK | Group leader of diagnostic investigations, restoration project of Divanhana Palace

CLIENT | Ministry of Culture of Azerbaijan Republic

DESCRIPTION

The Palace of the Shirvanshahs is a 15th-century palace built by the Shirvanshahs. The complex contains the main building of the palace, Divanhane, the burial-vaults, the shah's mosque with a minaret, Seyid Yahya Bakuvi's mausoleum, south of the palace, a portal in the east, Murad's gate, a reservoir and the remnants of a bath house. Eng. Nicola Berlucchi led the research group of diagnostic, restoration and reconstruction project of Divanhana. The project involved a diagnostic campaign with endoscopies, geometric surveys and surface degradation. The in-depth knowledge of the building allowed the definition of restoration interventions on the stone surfaces.



Shirvanshah Palace - Baku

TASK | Group leader of diagnostic investigations, restoration project and reconstruction of Shirvanshah Palace

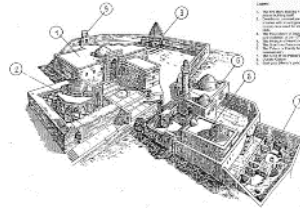
CLIENT | Ministry of Culture of Azerbaijan Republic

DESCRIPTION

The Palace of the Shirvanshahs is a 15th-century palace built by the Shirvanshahs and described by UNESCO as "one of the pearls of Azerbaijan's architecture". The complex contains the main building of the palace, Divanhane, the burial-vaults, the shah's mosque with a minaret, Seyid Yahya Bakuvi's mausoleum (the so-called "mausoleum of the dervish"), south of the palace, a portal in the east, Murad's gate, a reservoir and the remnants of a bath house. Eng. Nicola Berlucchi led the research group of diagnostic, restoration and reconstruction project of Divanhana and Shirvanshah Palaces.

Divanhana Palace | the project involved a diagnostic campaign with endoscopies, geometric surveys and surface degradation. The in-depth knowledge of the building allowed the definition of restoration interventions on the stone surfaces.

Shirvanshah Palace | in addition to the conservation of the stone surfaces it was possible to reconstruct the lost domes of the building thanks to a deep knowledge of traditional techniques and the presence of expert local restorers.





Tempio della Concordia – Temple Valley in Agrigento, Sicily

TASK | Consultancy and site management for the restoration of stone surfaces on behalf of Il Cenacolo s.r.l. (2002); consultancy for the study of a temporary cover (2008)

CLIENT | Superintendence of the Archaeological Park of Agrigento

DESCRIPTION

In 2008 a provisional roofing system was studied for the Temple of Concordia in Agrigento with the aim of protecting the flat surfaces from the erosive action of the water generated by the nocturnal humidity, to avoid pulverization during the execution of approved works. In a previous restoration project on stone surfaces. The roofing system has been designed so as to have adequate performances that take into account both the task to be performed and the integration with the existing structure without altering the relationship with the environmental context. Properly anchored to the walls so as not to damage them, the designed cover is made up of a series of slightly curved stainless steel frames that maintain a special fabric with high resistance, semi-transparent, totally impermeable to water and UV, lightweight and non-sensitive to heating by radiation. The structure is thus reversible, with minimum visual impact and excellent durability, is easy to maintain and does not change the thermo-hygrometric state of the temple.



EQUIPMENT AND SOFTWARE



15 workstations with
central IBM server



A3 color printers,
scanners, plotters



Technical and digital
instruments for survey



Broadband ADSL
connection (20 Mb)



AUTOCAD



AUTODESK REVIT

BIM Building
Information
Modeling



COMPANY DATA

NAME AND COMPANY NAME	STUDIOBERLUCCHI s.r.l. – Technical Building Services Company		
LEGAL FORM	Limited Liability Company		
PRESIDENT	Eng. Roberto Berlucchi		
MANAGING DIRECTOR	Eng. Nicola Berlucchi		
LEGAL REPRESENTATION	Eng. Roberto Berlucchi and Eng. Nicola Berlucchi		
TECHNICAL DIRECTORS	Eng. Nicola Berlucchi, Eng. Nicola Fumagalli, Arch. Samuele Ferlicca		
REGISTERED AND ADMINISTRATIVE OFFICE	C.da Soncin Rotto, 4 – 25122 Brescia tel. and fax 030-291583 e-mail: restauro@studioberlucchi.it amministrazione@studioberlucchi.it Web: http://www.studioberlucchi.it		
VAT NO. AND TAX CODE	01666820178		
SHARE CAPITAL	€10,400.00		
YEAR OF ESTABLISHMENT	1981		
REGISTRATION – BRESCIA CHAMBER OF COMMERCE	n. 260050	REGISTRATION – BRESCIA COURT	n. BS029-21976

MAIN REFERENCES



assorestauo®

associazione italiana per il restauro architettonico, artistico, urbano
italian association for architecture, art and urban restoration



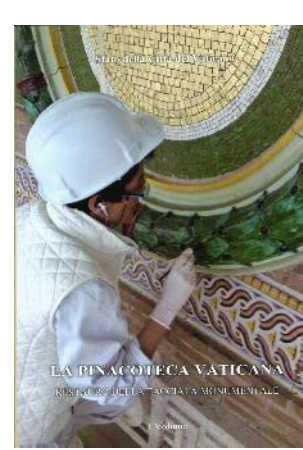
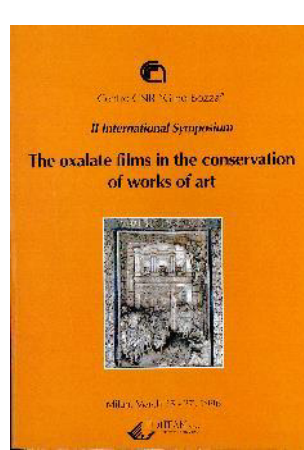
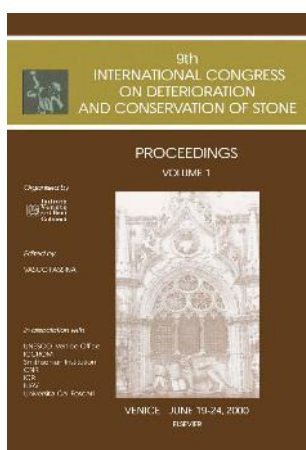
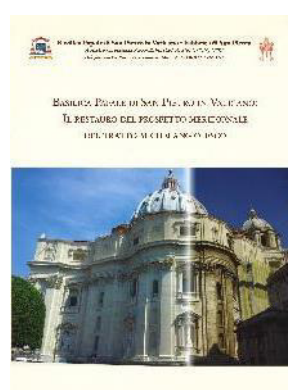
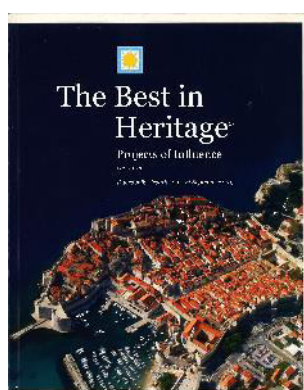
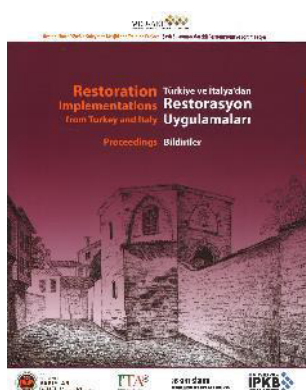
**MUSEO CIVICO
POLIRONIANO**



**CITTA' DI
VENEZIA**



INTERNATIONAL SCIENTIFIC PUBLICATIONS



INDEX OF WORKS

Historic theatres and public entertainment buildings.....	13
Palazzo del Popolo and Historic Theatre, Sarnano (PG)	13
Teatro Grande, Brescia	14
Cinema Teatro Musicale, Rezzato (BS)	15
Multipurpose Hall of Palazzo Te, Mantua	16
Teatro Guido, Suzzara (MN)	17
Teatro Rinaldi, Reggiolo (RE)	18
Teatro Comunale, Crevalcore (BO).....	19
Teatro Studio Mila Pieralli, Scandicci (FI)	20
Teatro della Società, Lecco	21
Piccolo Teatro della Concordia, Portomaggiore	22
Teatro Comunale “Anselmi”, Pegognaga, Mantua.....	23
Teatro Rossini, Pesaro	24
Teatro La Sena, Feltre, Belluno.....	24
Teatro Valle, Rome	25
Teatro San Carlo, Naples	26
Teatro del Popolo, Concordia sulla Secchia, Modena	27
Teatro Regio, Turin	28
Teatro “G. Donizetti”, Bergamo	29
Teatro Sociale “Pedretti”, Sondrio	30
Teatro Sociale, Camogli, Genoa.....	31
Historic Theatre of Legnano, Milan	32
Teatro Sociale, Bergamo.....	33
Teatro La Fenice, Venice.....	34
Auditorium, former Chiesa dei Disciplini, Calcinato, Brescia	35
Teatro “Marconi”, Calcinato, Brescia	36
Vecchio Mulino Multipurpose Hall, Nuvolento, Brescia	36
Religious buildings	38
Church of San Benedetto, Norcia (PG)	38
Church of San Domenico, Chioggia (VE)	39
Church of Santa Maria della Luce, Rome.....	40
Bell Tower of the Church of San Martino, Burano (VE).....	41
Chapel of S. Giovanni Battista, Church of S. Salvatore, Brescia	42

Cathedral of San Giorgio, Ferrara	43
Church of San Biagio, San Felice sul Panaro (MO).....	44
Church of San Giovanni, Disvetro di Cavezzo (MO).....	45
Former Chiesa dei Disciplini, Sale Marasino (BS)	46
Former Church of Santi Filippo e Giacomo (Spazio Carne), Brescia.....	47
Apse of the Cathedral of San Paolo, Aversa	48
Michelangelo Apse of St. Peter's, Rome.....	49
Chapel of the Holy Shroud, Turin	50
Duomo Nuovo, Brescia	51
Cathedral of Siena	52
Colonnade of St. Peter's, Rome.....	53
Vatican Pinacoteca, Rome	54
Church of S. Simeon Piccolo, Venice	55
Duomo Vecchio, Brescia.....	56
Church of Santa Maria dei Miracoli, Brescia	57
Parish Church of S. Lorenzo, Nuvolera (BS).....	58
Other public and private cultural heritage buildings	60
Rocchetta Mattei, Bologna.....	60
Passetto di Borgo, Vatican.....	61
Forte Manin, Venice	62
Porta Palio, Verona.....	63
Palazzo Feltrinelli, Gargnano (BS).....	64
Museo Duca di Martina, Naples	65
Villa Apuana, Forte dei Marmi (LU)	66
Royal Palace of Caserta	67
Villa Poss, Verbania (VB).....	68
Mosaic of Darius and Alexander, MANN, Naples	69
Villa Rossi (former Corte Galvana), Gonzaga (MN)	70
Ballroom of Ca' Rezzonico, Venice	71
Villa La Tassinara, Desenzano (BS).....	72
Villa Reale, Monza	73
Monastery of San Pietro, Modena	74
Former Jappelli Slaughterhouse, Padua	75
Arco di Diana, Sant'Angelo in Formis	76

Villa Rezzaghi, San Giacomo delle Segnate	77
Former Pavilion 3, Palazzo delle Scintille, CityLife District, Milan	78
Rinnovata Pizzigoni School Complex, Milan	79
Villa Manzoni al Caleotto, Lecco	80
Palazzo Silvestri-Rivaldi, Rome	81
Palazzo Borghese, Rome	82
Palazzo dei Cento Preti, Lungotevere Vallati, Rome	83
Former Casinò del Lido di Venezia	84
Polirone Monastery, S. Benedetto Po, Mantua	85
Villa Arrigona, S. Giacomo delle Segnate, Mantua	86
Rocca d'Anfo, Brescia	87
Drugolo Residential Tourism Complex, Brescia	88
Castello di Brescia	89
Margutta 19 Luxury Hotel, Rome	90
University Library in the Chiostrì del Carmine, Brescia	91
Villa Vergine, Brescia	92
Municipio of S. Benedetto Po, Mantua	93
Municipio of Castiglione delle Stiviere, Mantua	93
Arzaga Golf Club – Hotel, Calvagese della Riviera	94
Palazzo Piccolo Maggi, Calino di Cortefranca, Brescia	95
Palaleonessa (Brescia Industrial Exhibition Centre), Brescia	96
Casa degli Artisti, Milan	96
Façade restoration, Palazzo in Piazza Castello, Milan	97
Hotel building, Via Senato 5/7, Milan	97
Hotel building in the Horti di Porta Romana area, Milan	98
Hotel building, former Opera Nazionale Balilla, Milan	98
International experience and UNESCO World Heritage	100
Gelati Monastery – Gelati, Kutaisi	100
Bender Fortress – Tighina/Bender	101
Bender Fortress Citadel – Tighina/Bender	102
Hagia Sophia Mosque – Ainos/Enez	103
Beyazit Medresesi in Fatih (for tender) – Istanbul	105
Sheikh Süleyman Mosque – Istanbul	106
Gök Medrese - Sivas	107

Ulu Cami Minaresi - Sivas	108
St. Giovanni di Studio or Imrahor Ilyas Bey Camii - Istanbul	109
Ulo Camii Mosque - Divrigi	110
Shaki Khans Palace - Shaki	111
Divanhana Palace - Baku	112
Shirvanshah Palace - Baku	113
Tempio della Concordia – Temple Valley in Agrigento, Sicily.....	115