

STUDIO TRE
TECHNOLOGY AND RESTORATION
SINCE 1992



ARCHITECTURE, SCULPTURE, PAINTING
THE THREE ARTS OF DRAWING

*Engraving taken from "The Lives of the most ..." by Giorgio Vasari.
Updated in July 2013. All represented works and situations are amenable to Studio TRe*

COMPANY

The STUDIO TRE is a company that operates in the restoration of art and architectural heritage. It was founded in 1992 by Tiziana Conti and Tommaso Sensini, who work in the sector since 1984 and are qualified Restorers of Cultural Heritage, specialized in the restoration of paintings and polychrome sculptures, frescoes and decorates architectural surfaces, stones and mosaics. From 2012 also Roberta Buonocore is in the company.

In addition to the works of art, the company is involved in the maintenance and restoration of architectural buildings and monuments. In its work, the company pursues overall quality, safety for the operator and the work, research, innovation and communication.



Scotti Palace (14th century, partially rebuilt in the 18th) in the upper of Piazza del Campo in Siena. All the ancient center of the town is included in the World Heritage by UNESCO. We arranged all intervention on external brick walls, travertine elements and original plaster. The work was directly supervised by the Institute for the Conservation and Restoration of Rome (2006).

ORGANISATION

Studio TRe is in the artisan sector, certified for Public Works in accordance by Italian law. It has an average staff of eight people between conservators, technicians and administration workers, in a simple and effective structured organigram, organized in independent work teams.

The company has the means and equipment necessary to perform all phases and a large headquarter with laboratories, offices and warehouses.

For the execution of bigger works and supplementary processings, as for example specialized diagnostic, structural works, flooring or carpentry, Studio TRe has selected firms with which it works in synergy.



Left: Fossa (L'Aquila), church of the Assumption, relocation of two large paintings of the 18th century in the ceiling after complete restoration. For structural works and restoration of wooden and gilded artefact we cooperate with selected companies (2001). Right: the group in 2011.





Left: thermae of Cisiarii in Ostia Antica, Rome, 2nd century, with "opus latericium" walls, columns and mosaics. Tiziana Conti has worked at the restoration of the decorated stucco ceilings (1988). Below: Pisa, the first obelisk dedicated to Garibaldi in Italy, built in 1904, has been dismantled and remounted for the construction of the new harbour (2013).

CONSERVATION, RESTORATION AND MAINTENANCE

In all the interventions Studio TRe follows the guidelines of international charts of restoration and the principles of the Restoration Theory by Cesare Brandi, as well as the European and Italian set of rules.

Each work starts from the study of the historical and material point of view and its context. It continues with minimal and non-invasive interventions in order to preserve the cultural heritage, the aesthetic improvement, the maintenance of documentary value.

The entire path is documented, all the process has to meet stringent requirements for quality and competence and the work is followed by delivery at the end of the work.



MONUMENTAL BUILDINGS



Above: the Medici fortress (16th century), restoration of all the exterior walls for over ten thousand square meters (2009 - 2011).

Right: the Romanesque Basilica della Pieve of Arezzo, one of the oldest churches in the city, 12th century, restoration of the dome with stone elements, columns and capitals, polychrome traces and painted wood beams (2009)



CIVIL AND RELIGIOUS BUILDINGS

Above, right: the palace of Logge designed in 1563 by Giorgio Vasari, safety the stone elements of the entire facade (2013). In the gothic mansion, Fraternita palace, we made tests to search for original paintings and other elements below to masonry and plasters applied in the following centuries (2013).

Below, left: San Rocco church in Pitigliano, 15th century, with pink tuff facade and travertine portal and pilasters (2004).

Below, right: Anghiari, Palazzo Pretorio, 15th century, is the municipality building. We restored the facades with stone coats of arm, marble, majolica, graffitos and frescoes over all the facades and inside (work in progress).



SCULPTURE



Above, left: particular of Madonna of Giovanni Aquilano, 15th century, polychrome terracotta with gold leaf. We remount all parts, build an internal support and recover the colour and gold (1995 - 1997). Above, center: 14th century, carved sandstone on portal of SS. Annunziata of Arezzo (2000). Left: bronzes representing the Chimaera of Arezzo, (1932 reproductions) at the fountains in railway station square (2012). Right: monument to Ferdinand III of Habsburg-Lorraine made in 1822 by Stefano Ricci with white Carrara marble (2006).



STUCCO



Above, left: Sadun palace of the late 18th century in Pitigliano; the base, window frames and corniches are in stucco imitating stone. Restoration of all the facades, courtyard paving and roofs (2006 - 2007).

Below, left : Villa Perla in Genoa, site of a social cooperative (1920 Art Nouveau style); restoration of facades and external stuccos (2002).

Below center: Claro in Ticino (Switzerland), the church of San Rocco, polychrome and gilded stuccos and frescoes by Giovanni Battista Rezia (1664 - 1671), aesthetical restoration (2006).

Below: Sant'Agostino church in Anghiari, 13th century, remake in Baroque style in the 18th century, full of stucco, gilt, frescoes and faux marbles, complete restoration (2002 - 2007).



**WALL PAINTING
FACADES**



Above: Palazzo dell'Orologio of 1901, administration headquarter of University of Siena, Arezzo; restoration of the internal decorations and facade's graffitos (1997 - 1999).

Left: Gera Lario up on Lake of Como, many houses are painted and decorated. We have intervened on some of them painted facade with 17th century fresco painting (2003 - 2005).

Right: Monte San Savino, private building, restoration of the 19th century decorations, including partial reconstruction (2011).



**WALL PAINTING
INSIDE**



Above, left: Lucignano, Town Hall, Council Chamber, painting of 1812 by Luigi Ademollo depicting Ancient Roman Triumphs (1996). By the same author we have restored large picture cycles always in Lucignano in the San Michele Church (1994), in Arezzo in the Pieve (2002 - 2007) and in Madonna del Conforto chapel in the Cathedral (2012).
Above, right, Montereale (L'Aquila), Cialfi palace, frieze of painted salon in the early XXth by Adolfo de Carolis (2008).
Right: Albergotti palace with paintings of 1799. Today it's the main office of the Ministry of Culture in Arezzo; ceiling, walls, floor restoration (1996 - 1997)



FRESCO



Left: Arezzo, Santa Maria in Gradi church, frescoes of 1611, already covered by several layers of painting; uncovering and restoration (1992 - 2004).

Below, left: Arezzo, entrance of the town hall, fresco of the middle of the 17th century by Salvi Castellucci representing the Virgin and Child, patrons and view of city; complete restoration (2003).

Below, center, Lucignano, San Francesco church, Sienese school frescoes of 14th century (work in progress).

Below, right: in Counts Guidi castle in Poppi we have restored all the decorations and paintings of the halls and gallery and supervised the maintenance of the frescoes painted by Taddeo Gaddi, a pupil of Giotto, in the 14th century (2010).



PAINTINGS

Below, left: Pope portrait by Giorgio Vasari, painted for his family altar in 1564; all paintings and monumental altar was restored (2002).

Below, center: one of a group of several paintings of the 17th century by Venantius the Hermit in the refectory of the hermitage of Camaldoli, complete restoration (1997).

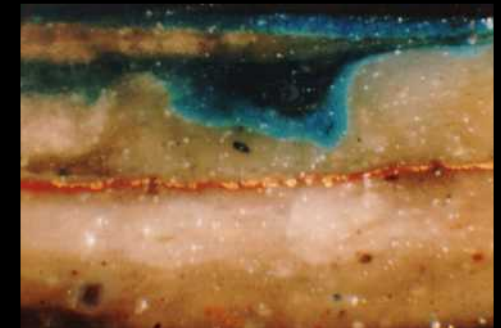
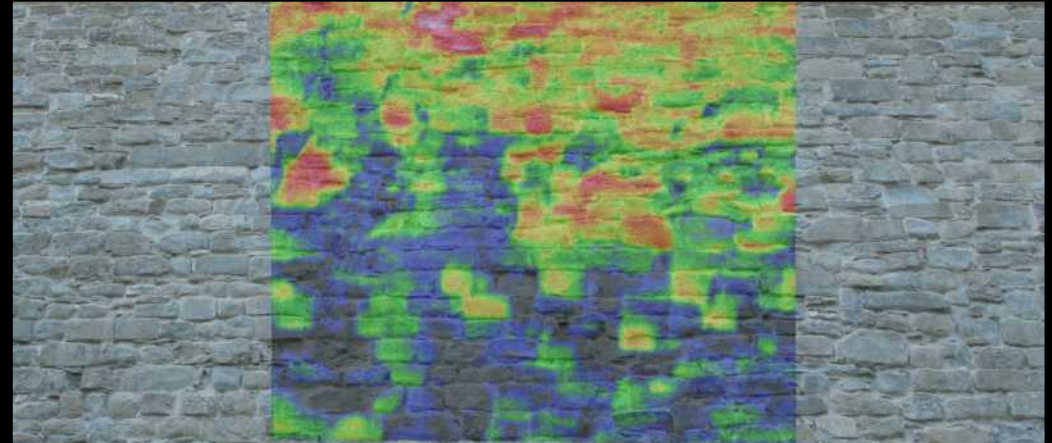
Right: Madonna with Child, called Madonna of Camaldoli, by Verrocchio and workshop (final of 15th century); some studios ventured to guess at the participation of Leonardo da Vinci; complete campaign of diagnostics and restoration (2002 and 2009).



DIAGNOSTIC

Very important to the full knowledge of the object to be restored, the company has its own laboratory for prompt analysis on matter and pictorial constituents, pollutants, elements of deterioration.

Studio TRe accomplish direct investigations using UV fluorescence, IR reflectography, optical microscopy, stratigraphy, microclimatic detection, measurement of the chromatic parameters, professional photography. We conducts examinations, elevations, mappings and samples; we coordinates the work of external laboratories for specialized tests and correct interpretation of the data.



Left: Annibale Carracci (1560 - 1609) painted this model of which the original is in Oxford (GB). The restoration and the complete analysis have made possible the final attribution (1996 and 2009).

Top: with the thermography, and other tools, we investigate the presence of moisture inside the Medici Fortress external walls of Arezzo, in order to restore it (2010). Above, center: instrumental measurements on a pillar of the Vasari's Loggia palace for the study of the intervention project (2011).

Above, right: stratigraphy in cross section of a sample taken from a polychrome sculpture of the 15th century subject to restoration (1997).

PLANNING

Each action requires the development of a restoration project that runs directly from Studio TRe and includes historical research, chemical and physical analysis of the constituents, mapping of degradation. We collaborate in the preparation of projects for the restoration of buildings and monuments, in the reading degradation factors and processing some technical data sheets for the intervention, tender specifications, bill of quantity, term of reference, maintenance plan. Studio TRe is a consultant for professional firms and public administrations working on cultural heritage. It accomplishes design up of color plans for the old towns.



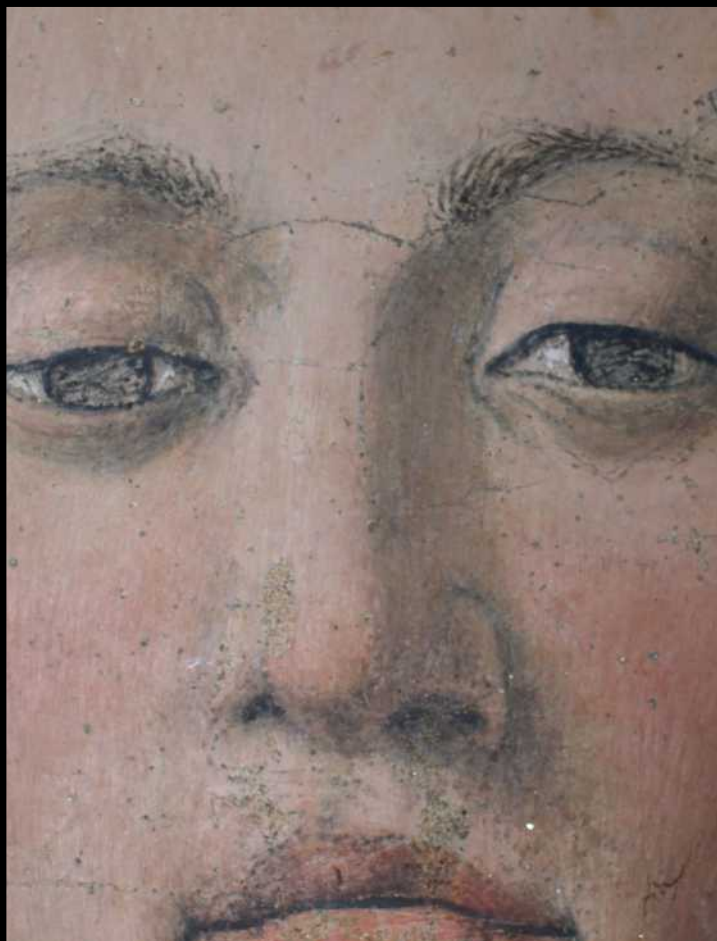
ARCHITECTURAL

Above, left: Academic opera and ballet theater in Baku (Azerbaijan). We collaborated for the completion of technical data sheet for the restoration of stone, stucco works and decorations inside and outside (2012).

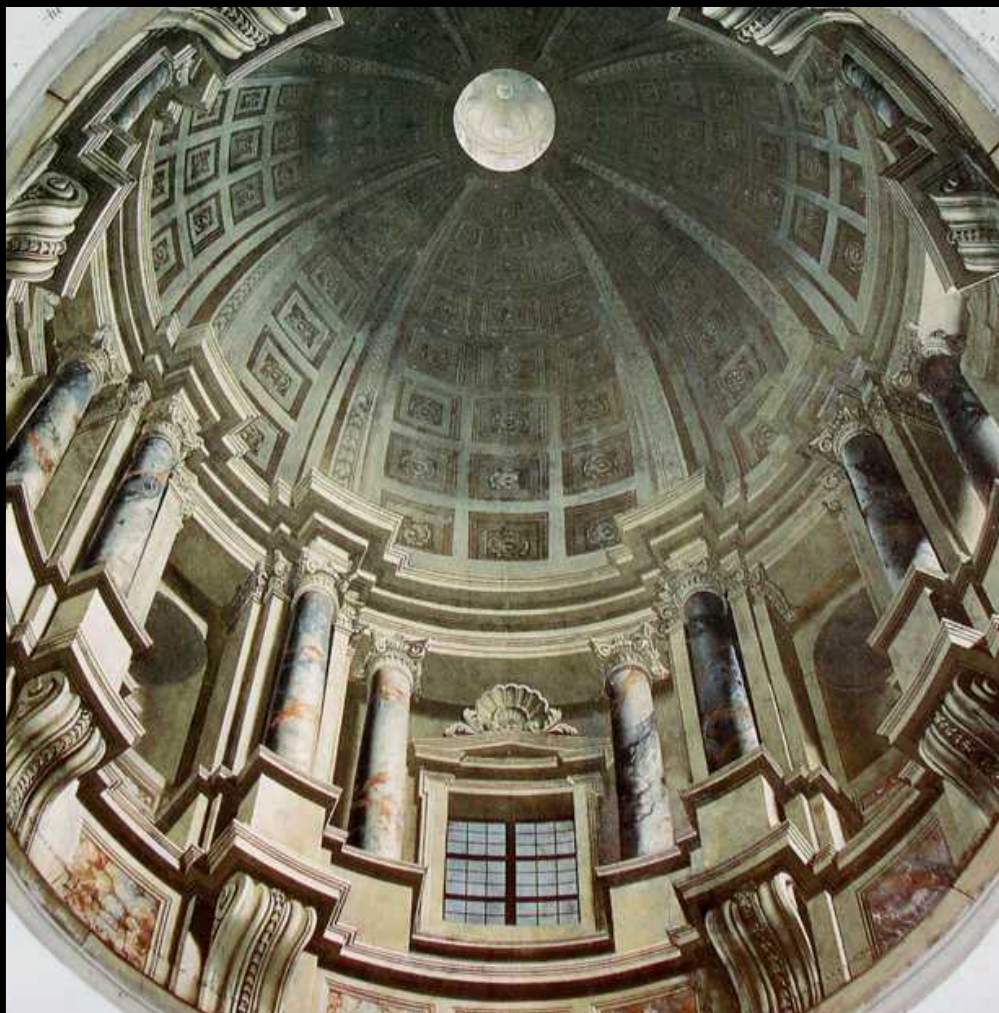
Above, right: color plan for the City of Cetona, included among the most beautiful villages in Italy (2003).

Right: the Vasari's aqueduct in Arezzo, we contributed to the restoration project (2011).





Above: Mary Magdalene, fresco painted by Piero della Francesca around 1464 in the Cathedral of Arezzo. Requested by Opera del Duomo we proposed the maintenance and revision of the previous restoration (2008). Right: false dome by Andrea Pozzo painted in 1702 for the church of Badia in Arezzo. We projected and built the innovative reinforcement system of canvas support, over eight meters in diameter, which was approved by the Central Institute for Restoration in Rome (1992).



ART AND DECORATION

The creation of decorative and materic effect surfaces is developed collaterally to the restoration of frescoes and the mural paintings to complete missing parts or to propose new solutions in historic buildings, conducted consistent with traditional techniques and materials. Lime and natural colored earth, frescoes, paintings, effects, faux wood and marble tempera and oil made are some of the techniques we perform and offering sketches and samples to check the result. Colors, light, surfaces interact in the context for enhance the space, creating emotions, stimulate awareness of people living environments.

Below, left: two example of natural colored lime plaster. Below: Greve in Chianti, San Silvestro alle Convertioie, the former church has been restored and transformed to an elegant living (2008 -2010).



PRODUCTION

Result from direct experience and from the need to use high quality materials and adequate performance, Studio TRe has developed a production line of its own that includes mortars, paintings and colors, sold through the store Arché with the brand ID'A Intonaci D'Arte.

The traditional formula makes the products compatible also with the principles of green building. The nature of the components allows aesthetic unique results.

We have selected a number of manufacturers and suppliers with whom we are in useful cooperation.



Above: the church of San Pietro in San Giovanni Marignano (17th century) was completely plastered and painted with materials which have been specially manufactured (2000).

Below, left: pumice quarry in Pitigliano. We look for the best quarries, manufacturers and suppliers for our needs. Below, right: samples book of ID'A colors products.



VOCATIONAL TRAINING

Convinced of the importance of knowledge transmission, the members of the company are involved in training aimed at students, technicians and professionals. Directly, or with FSF (Training Without Borders) or SEUM (European School of Crafts), Studio TRe plan training plans and job profiles and organizes courses, lectures, conferences for schools, training agencies, universities. It manages educational workshops and schools at national and international. Topics include frescoes, colors and restoration of architectural surfaces and historic buildings.

Since 1994, several courses have been dedicated to Italian and foreign schools and universities. Below, left: with SEUM we made in Arezzo "Affresco urbano", a big painting realized with ten artists from all over the world and twenty Italian students of the art school (2011). Also for children we organize workshop to become familiar and passionate with art and tradition.



YARD SCHOOL



Above: with FSF we held in Arezzo, Israel and Palestine, the theoretical and practical course for restoration of monumental architecture, addressing to Israelis and Palestinians technicals who have attended together (2007). Below: Tulkarem (Palestine), with SEUM we planned and directed the restoration of old Ottoman governorate building (1892) through yard school (2012). A similar project, financed by the Italian Government, is starting in Hebron to rehabilitate the Turkish bath of the Mamluk era as a Visitor Center (work in progress).



Above: with FSF, we are partners for the EU project Best Art on the yard of Notre Dame cathedral in Paris, to compare the Italian and the French methodologies (1999 - 2001).

Below: Studio TRe directed the Equal Master project in Arezzo, Paris, Barcelona. The trainees worked inside the Sagrada Familia (2002 - 2005).



PUBLICATIONS

In over twenty years, the members of Studio TRe have written in many books and magazines.

From 1998 to 2003 Tommaso Sensini had a column about restoration in the monthly magazine Mercante d'Arte.

Recently, we also produce video with the brand Arteviaggiomestiere.

We have designed and we directly manage the company website. Waiting to print the first of two volumes about the restoration of architectural surfaces request by the Scuola Edile of Arezzo.

Planned publications about restoration of the Pretorio Palace of Anghiari; the extensive work on the Medici fortress of Arezzo and the restoration of Tulkarem Ottoman governorate building, Palestine.

Prestigious is the insertion in the book Leonardo e l'Aretino, where in the introduction Carlo Pedretti, director of Hammer study center in Los Angeles, about the Madonna di Camaldoli wrote "... the meticulous and careful restoration work carried out by Tiziana Conti and Tommaso Sensini."





THE STAFF

Tommaso Sensini (1957)

Founding partner, legal representative
Restorer of Cultural Heritage, project manager, skilled in paintings, stone, fresco painting, architectural restoration. Teacher, visiting professor, consultant SEUM
Education: Technical Institute for Chemistry, Arezzo; School of Restoration by Tuscany Region, Arezzo;
Course in new technology and diagnostics for restoration, ICCROM, OPD, Cultural Heritage Ministry of Arezzo; National School of Chemistry on restoration of architectural surfaces, University of Pisa; Course on color management, NCS Milan

Tiziana Conti (1964)

Founding partner
Restorer of Cultural Heritage, project manager, skilled in paintings, sculpture, fresco painting
Education: School of Art, Arezzo; course on cleaning ceramic materials, International Museum of Ceramics, Faenza; updating Course on new technologies in the restoration of paintings, Arezzo;
Course on color management, Color Institute, Milan; updating Course on hypogeal frescoes restoration, ISAAD and UNESCO, Assuan (Egypt)

Roberta Buonocore (1975)

Partner
Technician on restoration
Education: Teaching certificate, Taranto; School on paintings and wooden artefacts restoration, Taranto;
Update Course, Institute for Art and Restoration, Rome

Simona Pelucchini (1986)

Employee
Technician on restoration
Education: School of art, Arezzo, Degree in Materials Technology for restoration, University of Florence;
Course Operator of Cultural Heritage in crisis areas, Florence; Course on color management, Polytechnic of Milan

Paolo Mori (1963)

Worker
restoration clerk
Training-work with Studio TRe since 2006, operator on architectural surfaces works, material preparation, transport, masonry. Course for undertaking the scaffolding

... AND THE CREW



Above: founding members

Below: some of those that, in Studio TRe twenty years activity, participated in different ways



ARCHITECTURE

- ANGHIARI, Pretorio palace (2nd BC and 15th century), facades and insides, restoration 2013
- POPPI, Conti Guidi castle, staircase, facade, tower, maintenance and restoration 2013
- AREZZO, logge Vasari palace (1593), facades, stone consolidation 2013
- TULKAREM (Palestine), Ottoman governorate palace (1892), architectural surfaces, restoration by yard school 2011-2013
- AREZZO, Medici fortress, Giuliano and Antonio da Sangallo (1538-1560), external walls, restoration 2009-2011
- AREZZO, Redi palace, (14th and 18th century), facade, restoration 2010
- AREZZO, Santa Maria della Pieve (12th century), dome, restoration 2009
- ANGHIARI, Sant'Agostino church (13th and 18th century), stuccos, frescos, altars, decorations, restoration 2002-2007
- SIENA, Scotti palace (14th and 18th century), facades facing on piazza del Campo, restoration 2007
- AREZZO, Vogue Hotel, once Savoia hotel (1865), decorated rooms, facades, restoration 2005-2007
- PITIGLIANO (GR), Sadun building (18th century), facades, stuccos, paving, coverages, restoration 2006
- PITIGLIANO (GR), San Rocco church (15th century), travertine and tuff facade, restoration 2004
- GENOVA, Villa Perla a Pegli (1920), stuccos and facades, restoration 2002
- AREZZO, Villa la Ripa ad Antria (16th century), facades, decorations, restoration 1996-2000
- PERUGIA, Conestabile della Staffa palace (16th century), facades, restoration 1995-1996

SCULPTURE

- AREZZO, Piazza Repubblica, fountains, the Chimaera of Arezzo, bronze and travertine, Castellucci and Aglietti (1932), restoration 2012
- PISA, Boccadarno, obelisk dedicated to Garibaldi (1904), limestone and bronze, dismantling and reassembling 2012
- AREZZO, monument to Ferdinand III Habsbourg Lorraine, Stefano Ricci (1822), Carrara marble, restoration 2005 and 2010
- FOIANO DELLA CHIANA, San Domenico (17th century), sandstone and stuccos altars, restoration 2006-2009
- PRATOVECCHIO, church of Poppiana, crucifix (18th century), polychrome wood, restoration 2007
- CLARO NEL TICINO (Switzerland), San Rocco church, gildeds and polychromes stuccos, restoration 2005
- SERRE DI RAPOLANO (SI), Sant'Andrea square, fountain, Ettore Gerli (1901), travertine, restoration 2003
- FOIANO DELLA CHIANA, War memorial (1922), bronze and travertine, cleaning 2001
- AREZZO, SS. Annunziata, graven sandstone portal (14th century), restoration 2000
- POPPI, church of Camaldolese nuns, crucifix, Taddeo Curradi (XVI century), wood, restoration 1999
- AREZZO, private collection, ostensory, workshop of Baldassarre degli Embriaci (15th century), ivory, restoration 1998
- TERAMO, San Domenico, Madonna with child, Giovanni Aquilano (15th century), gilded and polychrome terracotta, dismantling, restoration, replacement 1995-1997
- Most importants works selection since 1992
complete index on: www.studiotre.eu*

PAINTING

- AREZZO, Cathedral, Pieve; Lucignano, Collegiata, Town hall, wall paintings by Luigi Cattani and Luigi Ademollo (1801-1812), restoration 1994-2012
- LUCIGNANO, San Francesco, Madonna with saints, circle of Spinello (15th century), fresco, restoration 2012
- POPPI, Conti Guidi castle, halls and balcony, decorations, paintings, chapel with frescoes of Taddeo Gaddi (14th century), restoration and maintenance 2003-2005, 2009 and 2012
- CAMALDOLI, monastery, Madonna with child, Verrocchio and his workshop (15th century), painting on panel, diagnoses and restoration 2002 and 2009
- AREZZO, private collection, Madonna in glory up on the city of Bologna, Annibale Carracci (16th century), painting on paper, diagnoses and restoration 1996 and 2009
- AREZZO, Town hall, entrance, Madonna with saints, Salvi Castellucci (17th century), fresco, restoration 2003
- AREZZO, church of the Badia, Vasari's family altar, Giorgio Vasari (1564), panels and altar, restoration 2002
- L'AQUILA, churchs of mountain area, paintings (16-17th century), restoration 2000-2001
- AREZZO, Giano Art gallery, Anthony and Cleopatra, Domenico Fiasella (XVII century), painting, restoration 1999
- AREZZO, Palazzo dell'Orologio (1901), inside decorations, graffitos on facade, restoration 1997-1999
- AREZZO, Albergotti palace, hall of honour, (1799), wall paintings and ceiling, restoration 1996-1997
- CAMALDOLI, refectory of hermitage, group of paintings, Venanzio Eremita (17th century), restoration 1997
- AREZZO, Cathedral, group of paintings, Salvi Castellucci et al. (17th century), restoration 1995
- AREZZO, church of Badia, false dome, Andrea Pozzo (1702), support on canvas, project and restoration 1992