

Student		Year	Title	Supervisor
FEDERICA	FANTI	2011	AGING OF THE MECHANICAL PROPERTIES OF LEAD WHITE AND ZINC WHITE IN OIL PAINTINGS.	MAZZEO ROCCO
VALENTINA	MORANDI	2011	SPECTROSCOPIC STUDY OF THE GRADIENT OF OIL-PROTEIN IN TEMPERA GRASSA-BOUND PAINT LAYER APPLIED OVER GLUE-GESSO GROUND.	MAZZEO ROCCO
MARIA LAURA	SIERI	2011	CHEMICAL STUDY OF REMO BRINDISI'S PAINTINGS IN THE CASA - MUSEO REMO BRINDISI.	MAZZEO ROCCO
RITA	TRINCUCCI	2011	THE CONSERVATION OF STONE MATERIAL: PRELIMINARY DIAGNOSTIC PROJECT AIMED AT THE RESTORATION PROJECT OF THE CRYPT OF ST. CECILIA IN TRASTEVERE.	FOSCHINI ADA
ANNA	ANFUSA	2012	APPLICATION OF MFTIR IMAGING TECHNIQUES FOR THE CHARACTERIZATION OF PAINTING MATERIALS AND THE EVALUATION OF STANDARD AND ALTERNATIVE SAMPLE PREPARATION PROCEDURES.	MAZZEO ROCCO
MARIALAURA	CIPOLLARO	2012	BRICKS, STONE SCULPTURES AND PANELS OF FACADE OF SAN PETRONIO CHURCH, BOLOGNA. STUDY OF THE BIOLOGICAL ALTERATIONS AND PATINAS.	PINNA DANIELA
ENRICA	FANTINI	2012	EARLY SYNTHETIC DYES ON FURNITURE: HISTORICAL RECONSTRUCTION AND IDENTIFICATION OF DYES USING HPLC-PDA.	FABBRI DANIELE
MARZIA	FARES	2012	THE BLUE IN PORTUGUESE HISTORICAL AZULEJOS.	MAZZEO ROCCO
SONIA	MACCAGNOLA	2012	20TH CENTURY MATERIALS: SCIENTIFIC INVESTIGATION OF PAINTINGS BY BRAQUE AND GORKY AND CHEMICAL CHARACTERIZATION OF RIPOLIN ENAMEL PAINTS.	MAZZEO ROCCO

VALENTINA	MALTONI	2012	EVALUATION OF ANALYTICAL PROTOCOLS FOR THE ROUTINE ANALYSIS OF ORGANIC MATERIALS IN PAINT SAMPLES.	PRATI SILVIA
ELENA	MOLENA	2012	PERFORMANCE EVALUATION OF LASER INDUCED BREAKDOWN SPECTROSCOPY TECHNIQUE IN THE CHARACTERIZATION OF MURAL PAINTINGS.	MAZZEO ROCCO
GIULIA	PEDRELLI	2012	SCIENTIFIC EXAMINATION OF PHOTO DEGRADATION PHENOMENA ON SYNTHETIC PLASTICS EXHIBITED IN MUSEUM COLLECTIONS.	MAZZEO ROCCO
ANDREA	MISTRETTA	2012	State of preservation of human skeletal remains and funerary practices.	BELCASTRO MARIA GIOVANNA
ALEXANDRA	DURRANI	2012	An Analytical Study of Yves Gaucher's studio materials and paintings.	MAZZEO ROCCO
STAVROULA	FLOURI	2012	Evaluation of methodology and experimental parameters influencing the performance of mobile LIBS used for the analysis of archaeological objects.	MAZZEO ROCCO
MARCO	MAURI	2012	The roman nails of Zwammerdam ships: a proposal for provenance conservation and technological level	MAZZEO ROCCO
GIULIA	MORETTI	2012	Is nanoindentation a technique able to provide chronological criteria to date oil paintings?	MAZZEO ROCCO
YUE	QIU	2012	3D modelling of multispectral images applied to cultural heritage	MAZZEO ROCCO
ARIADNI GARYFALIA IRA	DIMITRAKOPOULOU	2013	Kemmelware rediscovered: a multidisciplinary investigation on the origin and distribution of Kemmelware in Flanders by means of handheld X-ray Fluorescence (HXRF) and Raman spectroscopy	MAZZEO ROCCO
ALESSANDRA	FIASCO	2013	Desalination of Stone Materials by Application of Poultices	BARGOSSI GIUSEPPE MARIA
JESSICA	MUSACCHI	2013	Conservation of historic Portuguese tiles: Adhesives for outdoor exposure.	MAZZEO ROCCO

ELEONORA	ROTONDARO	2013	Ceramics of Andronovo Culture and Namazga VI from alluvial fun of the Murghab River (Turkmenistan): mineralogical and geochemical characterization.	BARGOSSO GIUSEPPE MARIA
SILVIA	SETTIMI	2013	SCIENTIFIC INVESTIGATION OF MATERIALS AND TECHNICAL DEVELOPMENTS IN AMERICAN PASTEL AT THE TURN OF THE 20TH CENTURY	PRATI SILVIA
DESIRÉE	SNIDER	2013	Scientific examination for the investigation of far east asian mural paintings	MAZZEO ROCCO
GIOVANNA	VISINTIN	2013	FT-IR SPECTROSCOPY USE FOR WOODEN ARTEFACTS DATING: A METHODOLOGICAL APPROACH ON POPLAR WOOD.	PINNA DANIELA
FRANCESCA	MORRI	2013	SEM analysis of bone lesions in human skeletons of archaeological provenience	BELCASTRO MARIA GIOVANNA
YUANYUAN	ZHANG	2013	THE COMPLEMENTARY USE OF DIFFERENT ANALYTICAL METHODS FOR THE CHARACTERIZATION OF THE MATERIAL CONSTITUTION AND DEGRADATION BEHAVIOR OF WOOD	MAZZEO ROCCO
ILENIA	BASSINI	2014	Nanoparticles of Titania in combination with synthetic polymers: study of their photocatalytic efficacy for the protection of historical stone surfaces.	CAMAITI MARA
SONIA	BELLESIA	2014	Culture and Trade through the Prism of Technical Art History – a study of Chinese export paintings	MAZZEO ROCCO
KENYA	BROWN	2014	Integrated diagnostic study in support to Er:YAG laser cleaning of paintings.	CAMAITI MARA
CHIARA	DERIU	2014	DEVELOPMENT OF ENHANCED VIBRATIONAL SPECTROSCOPIC METHODS FOR THE ANALYSIS OF ARTISTIC SAMPLES.	PRATI SILVIA
INMACULADA	DONATE CARRETERO	2014	Laser Photoablation as Technique of Cleaning Applied to Based Copper Artefacts of Archaeological Heritage.	MORIGI GIOVANNI

ROBERTA	GIULIANI	2014	Curly malachite: identification, origin and meaning	MAZZEO ROCCO
CHIARA	ORSINI	2014	GROWTH OF BIOFILMS AND LICHENS ON TOMBS OF THE ENGLISH CEMETERY IN FIRENZE. EVALUATION OF DIFFERENT METHODS FOR THEIR REMOVAL.	PINNA DANIELA
CAMILLA	PERONDI	2014	2D and 3D documentation, digital preservation and valorization of cultural objects using Digital Single-Lens Reflex cameras	MORIGI MARIA PIA
HENG	XU	2014	ANALISI AD ULTRASUONI PER LA DIAGNOSTICA DI STATI FESSURATIVI IN ELEMENTI LAPIDEI	PASCALE GUIDOTTI MAGNANI GIOVANNI
CHAO	LIU	2014	Scientific analysis of the 14th century wall painting of the Armenian church, Famagusta, North Cyprus	MAZZEO ROCCO
LAURA	BENEDETTI	2014	new proposals for improving the durability of glazed roof tiles	CAMAITI MARA
VALERIA	CORRADETTI	2014	Advanced Analytical Techniques for Organic Materials Analysis	PRATI SILVIA
WEINA	PENG	2014	Synthesis, characterization and testing of new partially fluorinated oligoamides for stone artifacts protection	CAMAITI MARA
CHIARA	TAGLIALATELA	2014	Methods and techniques of low cost underwater photogrammetric survey: three – dimensional metric strict reconstruction in the field of cultural heritage	MORIGI MARIA PIA
LARA	CASSONE	2014	Development of TLC method for the spectroscopic characterization of colorants	PRATI SILVIA
EVANGELIA	DARVIRI	2014	Hydration study of hydraulic lime mortars	CAMAITI MARA
JINRUI	HE	2014	Development and testing of a high energy CT system for investigations in the cultural heritage field	MORIGI MARIA PIA
ANASTASIA	MICHALOPOULOU	2014	The effect of different consolidation treatments on the performance characteristics of natural stones	BONAZZA ALESSANDRA
GIORGIA	VIDORNI	2014	Efficiency evaluation of nano-structured consolidants on Carrara marble by field exposure tests	BONAZZA ALESSANDRA

YIJIAN	CAO	2015	Conservation of stone artworks: synthesis and testing of new oligoamides containing perfluoropolyether pendant segments	CAMAITI MARA
ANTONINA	CHABAN	2015	Restoration of semi-industrial glazed ceramic tiles by re-firing	BARGOSSO GIUSEPPE MARIA
ERIKA	FERRARI	2015	Post-excavation condition assessment and technological study of the iron nails from Zwammerdam ships	MAZZEO ROCCO
MAURA	FUGAZZOTTO	2015	Effectiveness of methods against rising damp in buildings: the Paardenmarkt case-study	BONAZZA ALESSANDRA
FRANCESCA	GALLAZZI	2015	Development, optimization and comparison of enhanced vibrational techniques for the analysis of colorants	PRATI SILVIA
GIULIA	GRAFFI	2015	STUDY OF THE SKELETAL REMAINS OF TRILOGIA NAVILE (BO) VII c. B.C.: BONE PRESERVATION AND ANCIENT DNA ANALYSIS	CILLI ELISABETTA
XINYAN	JI	2015	Non-Destructive diagnostic investigation by means of GPR radar technique: innovative examples from constructions and objects of cultural heritage.	COLLA CAMILLA
YUMO	MA	2015	Environmental impact on the Archaeological Site of Panamá Viejo: collection and elaboration of microclimate and air quality data	BONAZZA ALESSANDRA
CONG	WANG	2015	Hyperspectral sensor: a new approach for evaluating the efficacy of laser cleaning in the removal of varnishes and overpaintings	CAMAITI MARA
ISABELLA	DEL GAUDIO	2015	Degradation of Polyester urethane objects in indoor environment	CAMAITI MARA
MARIA SOLE	ZALAFFI	2015	Development of enhanced vibrational techniques for the analysis of artistic materials	PRATI SILVIA
ERMANNNO	AVRANOVICH CLERICI	2016	XRF mapping techniques applied to the examination of wall paintings.	MAZZEO ROCCO

MATILDE	BARGI	2016	Efficiency evaluation of chemical and physical methods for the removal of spray paint from the marble substrates	MORIGI MARIA PIA
NICOLE	DE MANINCOR	2016	Multispectral imaging and false colour processing in the VIS-NIR range for materials analysis. Application on "Incontro dei pellegrini con papa Ciriaco" by Vittore Carpaccio (Gallerie dell'Accademia, Venice).	MORIGI MARIA PIA
JUN	MA	2016	Development and testing of new biopolymer gel for the cleaning of painting	MAZZEO ROCCO
DAFINA	MORINA	2016	Nano-Micro Clacite for Restoration: Synthesis and Characterisation	MAZZEO ROCCO
ROSSELLA	RANIERI	2016	Scientific analysis of artists' materials on decorated oriental lacquer.	MAZZEO ROCCO
MARIA ELENA	CRUZ NUNEZ	2016	New advances in the obtainment of analytical standards for the verdigris pigment and the study of its properties.	MAZZEO ROCCO
ANDREA	DORIGHELLI	2016	Technical study of Roman-Egyptian paintings	MAZZEO ROCCO
YANGBIN	SUN	2016	The bronze statue of Neptune symbol of Bologna: chemical characterisation of patina and protective coatings.	MAZZEO ROCCO
ALESSANDRA	BALDO	2017	"Laser-induced damage by Raman spectroscopy: a systematic study at 1064nm and 785nm defining safe boundary conditions in non-invasive analysis of modern paintings".	MAZZEO ROCCO
MARGHERITA	DONNICI	2017	Spectroscopic study on the reactivity of metal oxides in linseed oil with implications for metal soaps formation.	PRATI SILVIA
FRANCESCA	GALLUZZI	2017	Multi analytical characterization of modern glass made at the "Kokomo Opalescent Glass Factory"	MAZZEO ROCCO
SILVIA	GARRAPPA	2017	Multi-technical approach for the chemical characterization of modern inks	FABBRI DANIELE

SOFIA	JOHANSSON	2017	Surface cleaning of underbound modern oil paints -a qualitative and quantitative investigation of aqueous techniques	CHEVALIER AURELIA FRANCOISE
MARIJA	MESHKOSKA	2017	Green gels in conservation: an analytical study of PHB based gels for the cleaning of paintings	MAZZEO ROCCO
CECILIA	PEDULLI	2017	Effects of alkaline agents on the ageing of drying oil: archaeometric studies on lab samples and on pictorial layers from painted surfaces of XV-XVII century	CAMAITI MARA
ROBERTA	VURRO	2017	Testing the solvent cleaning of paintings by Unilateral NMR	PRATI SILVIA
VALEH	VAFAEI	2017	Multi-analytical study of 12 earth pigments and their corresponding paint layers: Evaluation of color change after aging	PRATI SILVIA
RAFAELLA	GEORGIU	2017	Development of ToF-SIMS and FT-IR Imaging to identify organic compounds in exceptionally preserved fossils.	PRATI SILVIA
SOODEH	MOUSAVI ASL	2017	Analytical methods for characterization of materials in motion picture films and their degradation	FABBRI DANIELE
DIEGO IVAN	QUINTERO BALBAS	2017	Evaluation of novel AgI@Au TLC/SERS/u-FTIR-ATR system for the identification of synthetic dyes in Cultural Heritage.	MAZZEO ROCCO
JUNYAN	SHEN	2017	Spectroscopic investigations of degradation products in artistic and historical samples	PRATI SILVIA
GUYU	ZHANG	2017	Advanced analytical methods for the chemical characterization of constituent and degradation materials in wall paintings	MAZZEO ROCCO
LUIS MIGUEL	URBINA LEONOR	2017	Environmental degradation parameters on a Mexican historic building: National Intervention's Museum	BONAZZA ALESSANDRA
VERONICA	BIOLCATI	2018	John Singer Sargent's watercolors: Characterization of materials and techniques and assessment of light fading	MAZZEO ROCCO

MARCO	COLOMBO	2018	Improving data exploration methods from macro imaging techniques: in-situ scanning macro-XRF investigation on a majolica tile tableau	MAZZEO ROCCO
SAMANEHALS ADAT	EHTERAM	2018	Analysis and Study of Pigments and dyes Used in Persian Manuscripts of the Qajar Period (18th to 20th century) from Yazd -Iran	PRATI SILVIA
DEBORA	GOBBO	2018	Novel green strategies for mitigation of biodeteriogenic agents in built heritage	PINNA DANIELA