

Title:	The Beauty of Architectural Surfaces. <i>An introduction to technical aspects</i> <i>Case study: The Cathedral of Saint George the Martyr in Ferrara (Italy)</i>
Chair:	Chair of Conservation-Restoration, Art Technology and Conservation Science Prof. Thomas Danzl, Dr. Fonti Roberta
Language:	English support (i.e. learning materials in German/English , individual reviews in English)
Study level:	Master
Kick off:	14/04/2021
Meetings:	Every Wednesday
Interm. Reviews:	26/05; 30/06
Final Presentation:	11/08
ECTS:	Credits (15 ECTS)
Remarks:	In collaboration with Dr. Jacopo Benedetti, TUM Visiting Lecturer Excursion to Ferrara (Italy), if possible <i>not compulsory for the successful completion of the course</i>

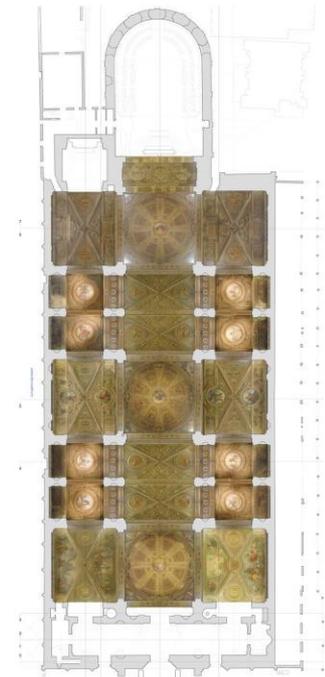


The *immodificabile* façade

UNESCO-World Heritage Site of Ferrara
Cathedral of Saint George the Martyr

“Its rosy marble façade, which has elements of both the Romanesque and Gothic styles, is unusual, for although the plan of the building is that of a typical basilican church with a high central nave flanked by lower side aisles, the façade doesn’t acknowledge this.”

(Charles M. Rosenberg, 1999)



© Spazi Consonanti



Cathedral of Saint George the Martyr in Ferrara (Italy)

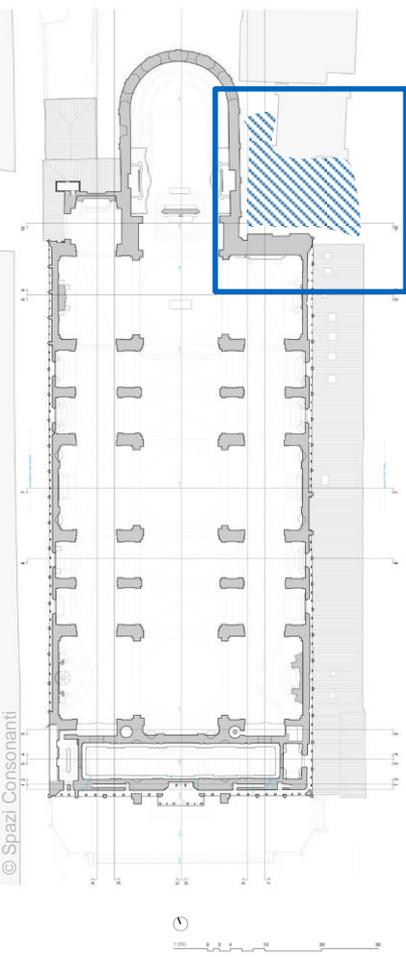
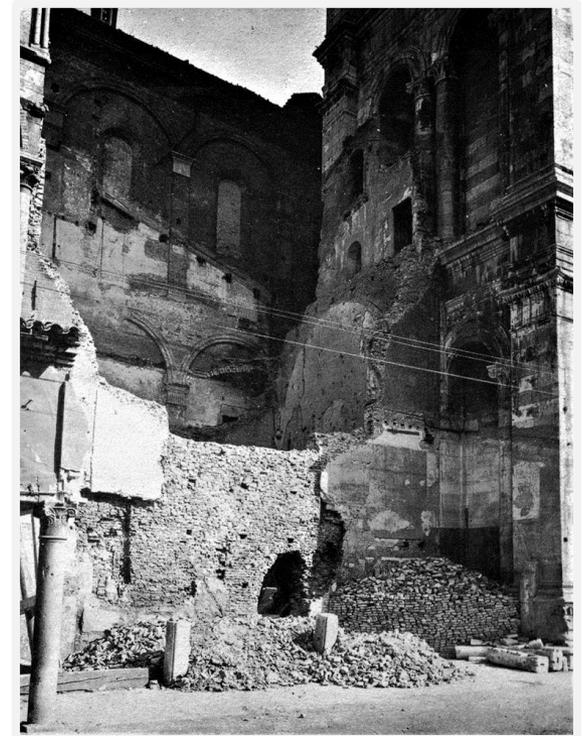
Design Problem



TODAY



January, 28th 1944
11.40 a.m. Ferrara

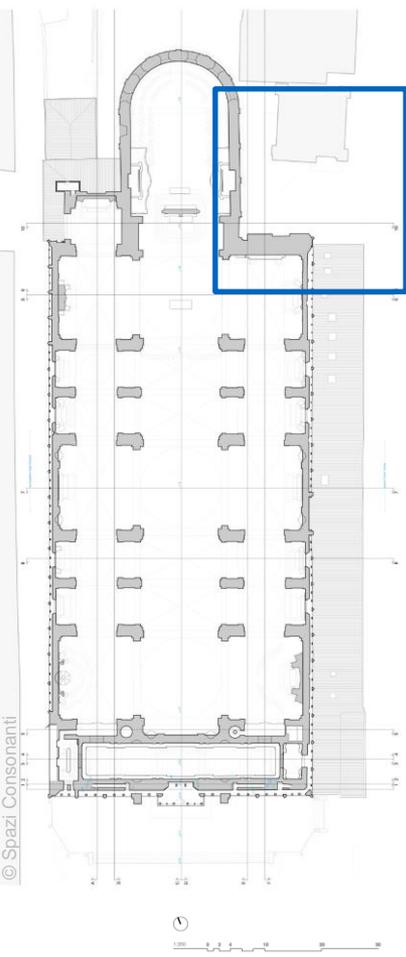


© Spazi Consonanti

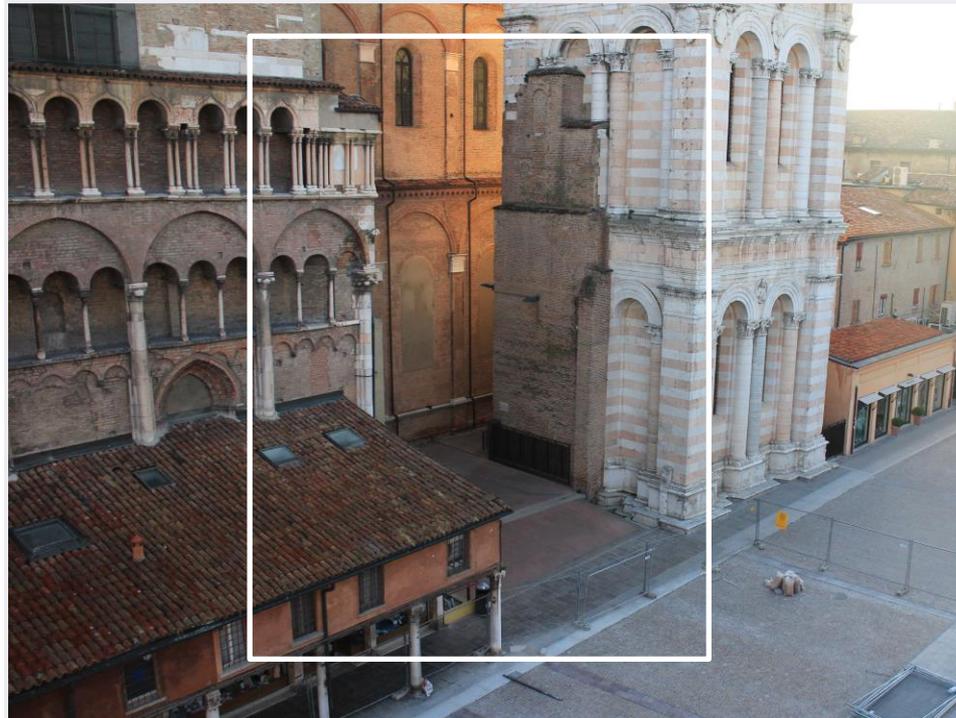


Cathedral of Saint George the Martyr in Ferrara (Italy)

Design Problem



Conservation-Restoration PROJECT



BEFORE
World War II

Task 2 The hidden walk of the counter façade



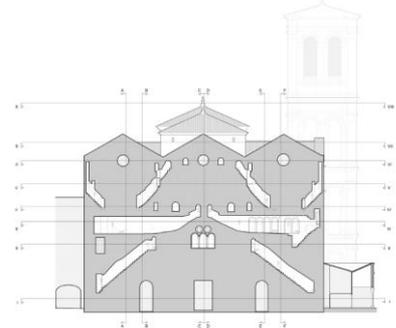
Cathedral of Saint George the Martyr in Ferrara (Italy)



Design Problem

Conservation-Restoration PROJECT

counter façade



18



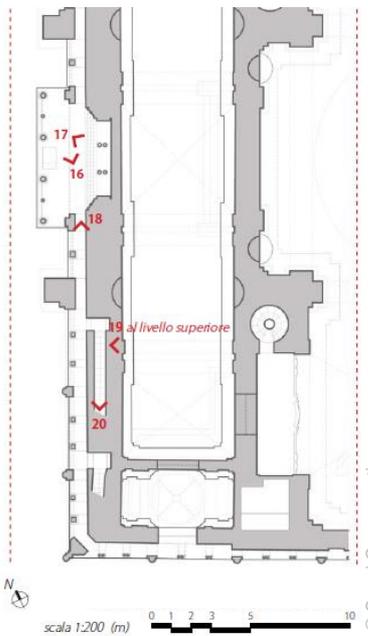
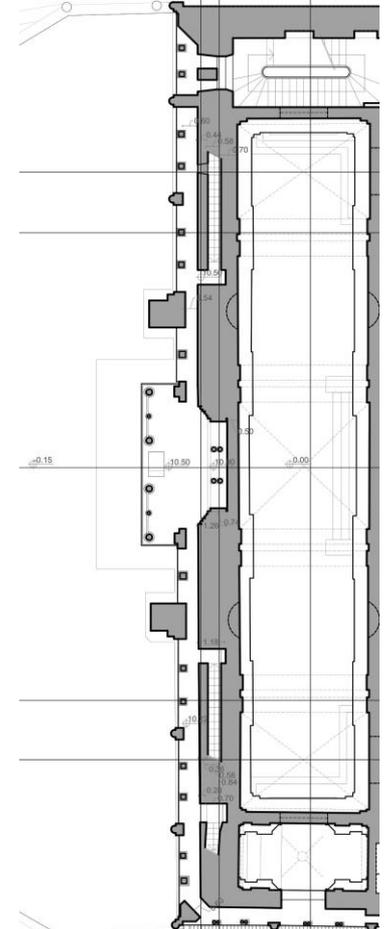
20



16



17



scala 1:200 (m)

© Spazi Consonanti

© Spazi Consonanti

© Spazi Consonanti



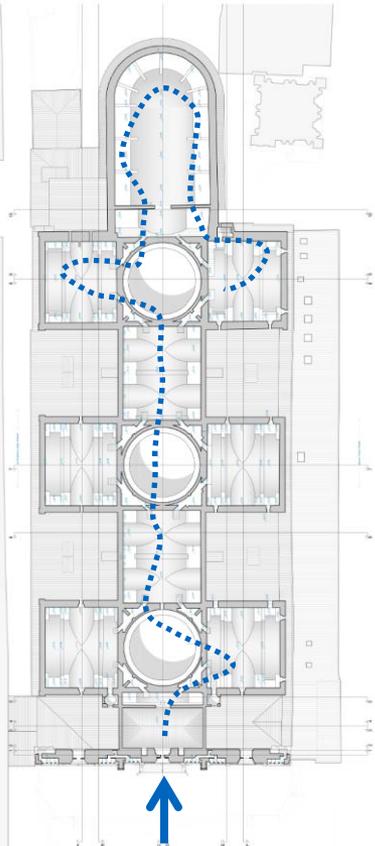
Cathedral of Saint George the Martyr
in Ferrara (Italy)



Design Problem



Conservation-Restoration PROJECT



Take a walk

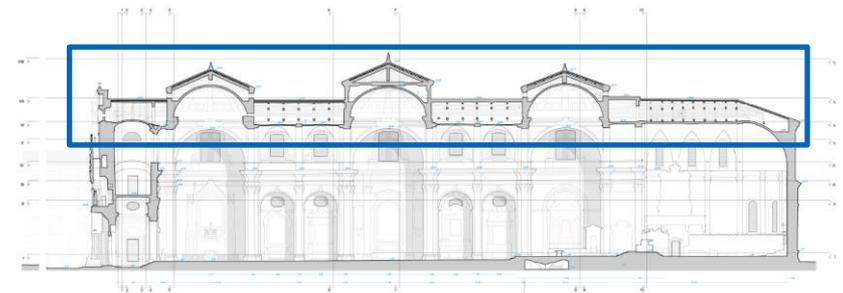


© Spazi Consonanti



The Attic

© Spazi Consonanti



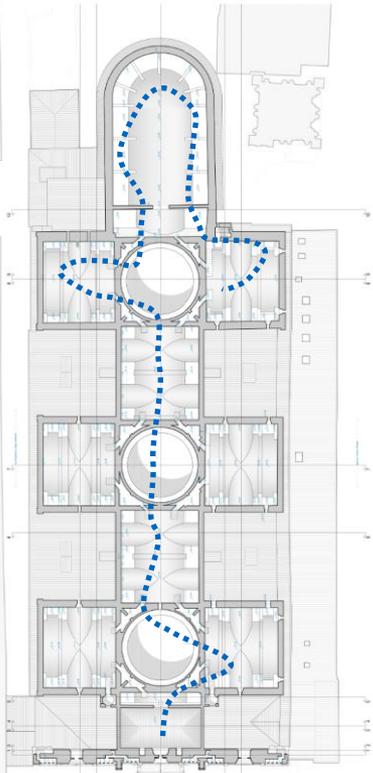
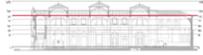
© Spazi Consonanti



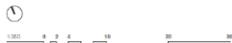
Cathedral of Saint George the Martyr
in Ferrara (Italy)



Design Problem



Take a walk



© Spazi Consonanti

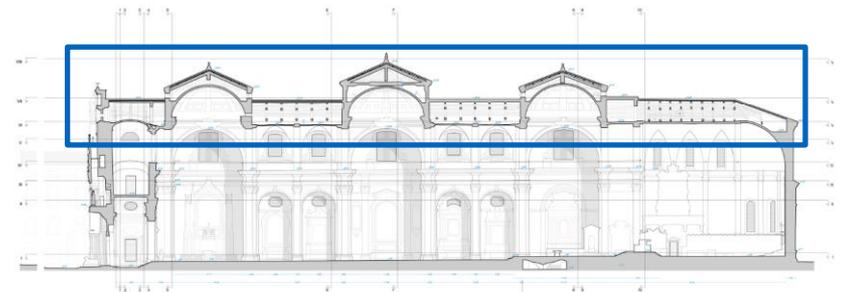


Conservation-Restoration PROJECT

The Attic



© Spazi Consonanti



© Spazi Consonanti

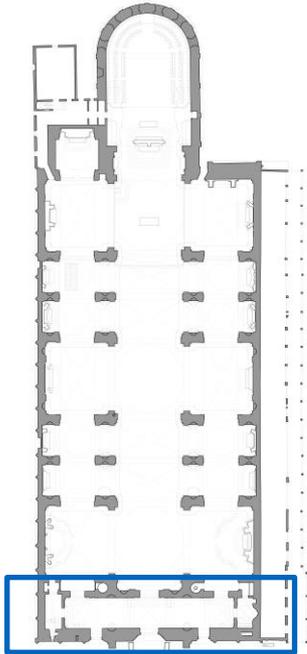
Task 4 Repurposing idea for the ATRIUM



Cathedral of Saint George the Martyr in Ferrara (Italy)



Design Problem



© Spazi Consonanti

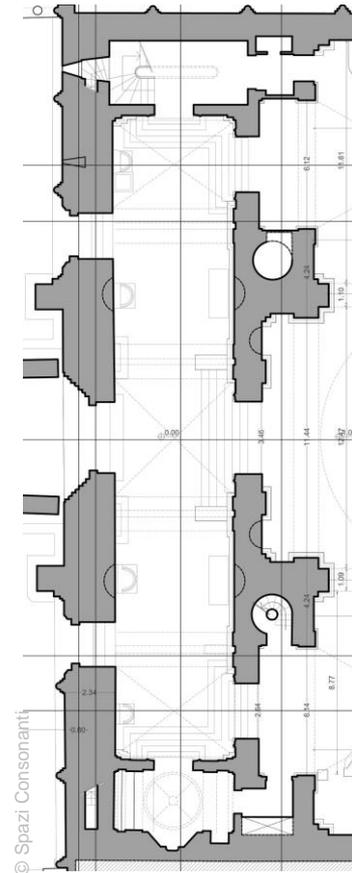


© Spazi Consonanti



Conservation-Restoration PROJECT

Atrium



© Spazi Consonanti

Task 5

The former Museum of the Cathedral



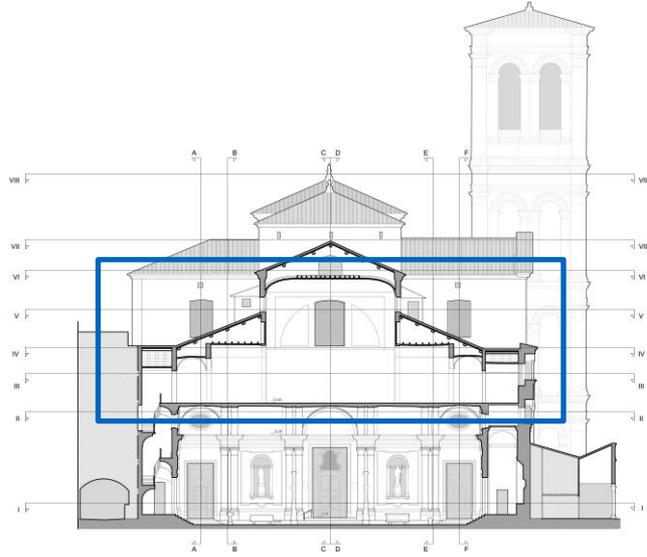
Cathedral of Saint George the Martyr in Ferrara (Italy)



Design Problem

Conservation-Restoration PROJECT

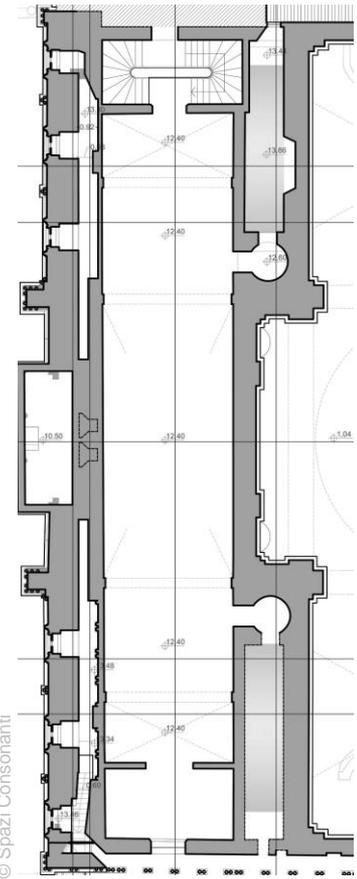
Former Museum



© Spazi Consonanti



© Spazi Consonanti



© Spazi Consonanti



© Spazi Consonanti





Cathedral of Saint George the Martyr in Ferrara (Italy)



Conservation Problem

Conservation-Restoration PROJECT



© Spazi Consonanti



© Spazi Consonanti



© Spazi Consonanti

Task 6

LATERAL Elevation

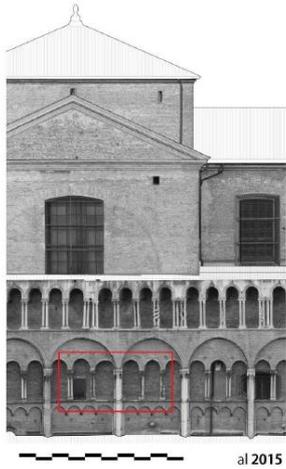


Cathedral of Saint George the Martyr in Ferrara (Italy)

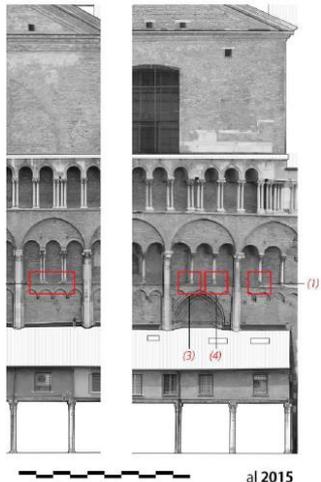


Conservation Problem

Conservation-Restoration PROJECT



al 2015



al 2015

© Spazi Consonanti



© Spazi Consonanti



© Spazi Consonanti

Time Schedule



Cathedral of Saint George the Martyr
in Ferrara (Italy)

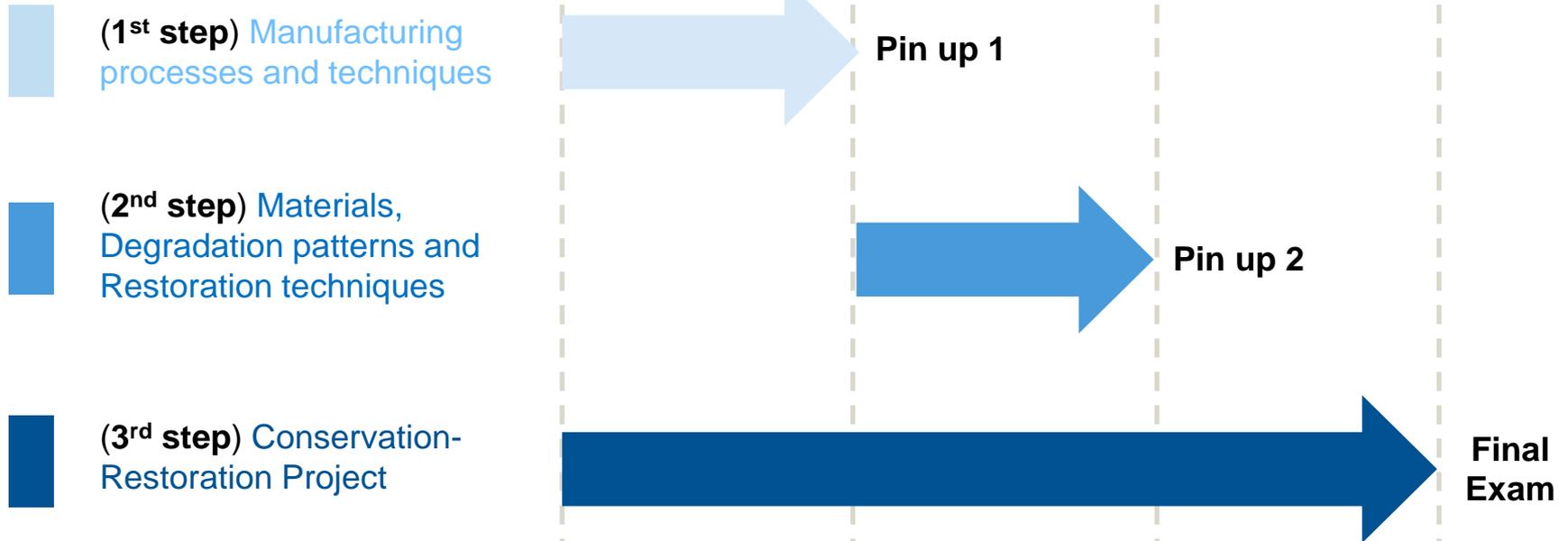


Kick off
Meeting

1st step

2nd step

3rd step



(1st step) Manufacturing processes and techniques

Pin up 1

(2nd step) Materials, Degradation patterns and Restoration techniques

Pin up 2

(3rd step) Conservation-Restoration Project

Final Exam

Review Meetings:

April 14

May 26

June 30

Aug. 11

Best Works will be considered for publication on an **issue** of the *Journal paper Arte Cristiana*

Activities will be conducted in cooperation with **Spazi Consonanti Architectural Design Studio** in Rome