

# AFTER THE DAMAGES

International  
Summer School

# AFTER THE DAMAGES INTERNATIONAL ACADEMY CONFERENCE

10<sup>th</sup> December 2024

2:30-6:30 p.m.

1. Good practices in building and cultural heritage resilience
2. Built heritage at risk: risk modelling, assessment, and management
3. Built heritage value chain innovation: social resilience, risk perception and management



**OPIFICIO GOLINELLI**

via Paolo Nanni Costa, 14  
Bologna

## Partnership



Università  
degli Studi  
di Ferrara



DA Dipartimento  
Architettura  
Ferrara



UNIVERSITÀ  
DI PARMA



UNIMORE  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

Regione Emilia-Romagna  
Agenzia Regionale Ricostruzioni

MINISTERO  
DELLA  
CULTURA

Regione Emilia-Romagna  
Settore Patrimonio culturale



## Support



The International Academy "After the Damages" project has received funding from the Emilia Romagna Region in the scope of the three-year higher education projects in the cultural, economic and technological fields pursuant to art. 2 of the regional law n. 25/2018 approved by resolution of the Regional Council n. 1251/2019.

## CFPs Architects

architettibologna

## CFPs Engineers



Evento accreditato presso l'Ordine degli Architetti P.P.C. di Ferrara e presso il Consiglio Nazionale degli Ingegneri. Saranno riconosciuti 8 crediti formativi per la frequenza alla totalità dell'evento.

# AFTER THE DAMAGES

International  
Summer School



10<sup>th</sup> December 2024

1. Good practices in building and cultural heritage resilience
2. Built heritage at risk: risk modelling, assessment, and management
3. Built heritage value chain innovation: social resilience, risk perception and management

## Opening words

**Enrico Bracci**, Vice-Rector for Third Mission, University of Ferrara

**Marco Mulazzani**, Director, Department of Architecture, University of Ferrara

**Roberto Di Giulio**, Co-Director "After the Damages"

**Francesca Fatta**, UID, Unione Italiana Disegno

**Maurizio Di Stefano**, Chairman Emeritus, ICOMOS Italia

## Moderator

**Marcello Balzani**, Co-Director "After the Damages"

## CFPs FOR ITALIAN ARCHITECTS

registration

## CFPs FOR ITALIAN ENGINEERS

registration

## Partnership



Università  
degli Studi  
di Ferrara



Dipartimento  
Architettura  
Ferrara



UNIVERSITÀ  
DI PARMA



UNIMORE  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

Regione Emilia-Romagna  
Agenzia Regionale Ricostruzioni

MINISTERO  
DELLA  
CULTURA

Regione Emilia-Romagna  
Settore Patrimonio culturale

Interreg  
Italy - Croatia  
FIRESPELL  
European Regional Development Fund

## Support



CNA  
PPC  
CONSIGLIO NAZIONALE  
DEGLI ARCHITETTI  
PIANIFICATORI  
PAESAGGISTI  
E CONSERVATORI



Green  
Building  
Council  
Italia

CLUST-ER  
BUILD  
EDILIZIA E COSTRUZIONI

unione  
italiana  
disegno



Consiglio Internazionale  
dei Monumenti e dei Siti  
Comitato Nazionale Italiano

TECNOPOLO  
FERRARA  
EMILIA-ROMAGNA



Regione Emilia-Romagna

The International Academy "After the Damages" project has received funding from the Emilia Romagna Region in the scope of the three-year higher education projects in the cultural, economic and technological fields pursuant to art. 2 of the regional law n. 25/2018 approved by resolution of the Regional Council n. 1251/2019.

## CFPs Architects

architettibologna

## CFPs Engineers

ORDINE  
INGEGNERI  
BOLOGNA  
OIBO

Evento accreditato presso l'Ordine degli Architetti P.P.C. di Ferrara e presso il Consiglio Nazionale degli Ingegneri. Saranno riconosciuti 8 crediti formativi per la frequenza alla totalità dell'evento.

# AFTER THE DAMAGES

International  
Summer School

# 1.

## Good practices in building and cultural heritage resilience

### Urban resilience and reconfiguration of territories after disasters

**Enrico Cocchi**, Director Regional Agency Reconstruction, Emilia-Romagna Region, Italy

### Technologies and strategies for disaster impact mitigation

**Antonino Libro**, Regional Agency for Reconstruction, Emilia-Romagna Region, Italy

### Collection Storage Reorganization: the RE-ORG Emilia-Romagna project went from pilot to operational

**Cristina Ambrosini**, Head of the Cultural Heritage, Emilia-Romagna Region, Italy

### Restoring cultural and architectural heritage for the preservation of the landscape

**Lorenza Bolelli**, Cultural Heritage Sector, Emilia-Romagna Region, Italy

### Preventing the emergency: providing safe the Capitoline Temple at Sarsina

**Federica Gonzato**, Superintendent of Archaeology Fine Arts and Landscape for the Provinces of Ravenna Forlì-Cesena and Rimini, Italy

#### Partnership



Università degli Studi di Ferrara



Dipartimento Architettura Ferrara



UNIVERSITÀ DI PARMA



UNIMORE  
UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA

Regione Emilia-Romagna  
Agenzia Regionale Ricostruzioni



Regione Emilia-Romagna  
Settore Patrimonio culturale



#### Support



The International Academy "After the Damages" project has received funding from the Emilia Romagna Region in the scope of the three-year higher education projects in the cultural, economic and technological fields pursuant to art. 2 of the regional law n. 25/2018 approved by resolution of the Regional Council n. 1251/2019.

#### CFPs Architects

architettibologna

#### CFPs Engineers



Evento accreditato presso l'Ordine degli Architetti P.P.C. di Ferrara e presso il Consiglio Nazionale degli Ingegneri. Saranno riconosciuti 8 crediti formativi per la frequenza alla totalità dell'evento.

# AFTER THE DAMAGES

International  
Summer School

## 2.

### Built heritage at risk: risk modelling, assessment, and management

**Integrated survey to document  
cultural heritage**

Chiara Vernizzi, University of Parma, Italy

**History, survey, and restoration: a virtuous  
circle for seismic damage prevention**

Eva Coïsson, University of Parma, Italy

**The role of deformation monitoring before  
and after damage**

Alessandro Capra, University of Modena-Reggio  
Emilia, Italy

Cristina Castagnetti, University of Modena-Reggio  
Emilia, Italy

**The territory of the ABAP, Superintendency  
for the metropolitan city of Bologna and the  
provinces of Modena, Reggio Emilia and Ferrara  
in the Flood Emergencies of 2023 and 2024**

Francesca Tomba, Ministry of Culture,  
Superintendent of Archaeology, Fine Arts and  
Landscape for the metropolitan city of Bologna and  
the provinces of Modena, Reggio Emilia and Ferrara,  
Secretary Regional Secretary ad interim for Emilia-  
Romagna

**PNRR – Seismic safety in places of worship.  
An update on the state of the art and evolution  
of design paths between conservation and  
reinterpretation**

Maria Luisa Laddago, Ministry of Culture,  
Superintendent of Archaeology, Fine Arts and  
Landscape for the provinces of Parma and Piacenza

#### Partnership



Università  
degli Studi  
di Ferrara



DA Dipartimento  
Architettura  
Ferrara



UNIVERSITÀ  
DI PARMA



UNIMORE  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

Regione Emilia-Romagna  
Agenzia Regionale Ricostruzioni

MINISTERO  
DELLA  
CULTURA

Regione Emilia-Romagna  
Settore Patrimonio culturale



#### Support



CNA  
CONSIGLIO NAZIONALE  
DEGLI ARCHITETTI  
PIANIFICATORI  
PAESAGGISTI  
E CONSERVATORI



Green  
Building  
Council  
Italia

CLUST-ER  
BUILD  
EDILIZIA E COSTRUZIONI

unione  
italiana  
disegno



TECNOPOLO  
FERRARA  
EMILIA-ROMAGNA



The International Academy "After the Damages"  
project has received funding from the Emilia  
Romagna Region in the scope of the three-  
year higher education projects in the cultural,  
economic and technological fields pursuant to  
art. 2 of the regional law n. 25/2018 approved by  
resolution of the Regional Council n. 1251/2019.

#### CFPs Architects

architettibologna

#### CFPs Engineers

ORDINE  
INGEGNERI  
BOLOGNA  
OIBO

Evento accreditato presso l'Ordine  
degli Architetti P.P.C. di Ferrara e  
presso il Consiglio Nazionale degli  
Ingegneri. Saranno riconosciuti 8  
crediti formativi per la frequenza  
alla totalità dell'evento.

# AFTER THE DAMAGES

International  
Summer School

## 3.

### Built heritage value chain innovation: social resilience, risk perception and management

#### Risk management in Iceland

**Thordur Vikingur Fridgeirsson**, Director  
of CODA (Centre of Risk and Decision Analysis),  
Reykjavík University, Iceland

#### Disaster education: good practices in Brazil

**Fernando Bakos**, Pontifícia Universidade Católica  
do Rio Grande do Sul, Brazil  
**Abner Freitas**, Funder  
of Hopeful Brasil

#### Bottom-up approaches to risk management in Japan

**Tetsuya Yaguchi**, Waseda University, Japan

#### The cultural vision of After the Damages. Knowing to preserve through awareness of fragility and identity

**Federica Maietti**, Department of Architecture,  
University of Ferrara, Italy

#### Documenting heritage at risk. HBIM modelling protocols of the built heritage

**Fabiana Raco**, Department of Architecture,  
University of Ferrara, Italy

#### The International Award After the Damages: the dissemination of best practices

**Luca Rossato**, Department of Architecture,  
University of Ferrara, Italy

#### Clust-ER BUILD: strategies and synergies

**Rita Fabbri**, President Clust-ER BUILD  
**Silvia Rossi**, Manager Clust-ER BUILD

#### Fire, infestation, and handling strategies: risk prevention in museum sites and archives

**Manilio Montuori**, University of Ferrara, Italy

#### Partnership



Università  
degli Studi  
di Ferrara



DA  
Dipartimento  
Architettura  
Ferrara



UNIVERSITÀ  
DI PARMA



UNIMORE  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

Regione Emilia-Romagna  
Agenzia Regionale Ricostruzioni

MINISTERO  
DELLA  
CULTURA

Regione Emilia-Romagna  
Settore Patrimonio culturale



#### Support



CNA  
PPC  
CONSIGLIO NAZIONALE  
DEGLI ARCHITETTI  
PIANIFICATORI  
PAESAGGISTI  
E CONSERVATORI



Green  
Building  
Council  
Italia



CLUST-ER  
BUILD  
EDILIZIA E COSTRUZIONI



unione  
italiana  
disegno



TECNOPOLO  
FERRARA  
EMILIA-ROMAGNA



The International Academy "After the Damages" project has received funding from the Emilia Romagna Region in the scope of the three-year higher education projects in the cultural, economic and technological fields pursuant to art. 2 of the regional law n. 25/2018 approved by resolution of the Regional Council n. 1251/2019.

#### CFPs Architects

architettibologna

#### CFPs Engineers



Evento accreditato presso l'Ordine degli Architetti P.P.C. di Ferrara e presso il Consiglio Nazionale degli Ingegneri. Saranno riconosciuti 8 crediti formativi per la frequenza alla totalità dell'evento.