

PhD TRAINING SCHOOL

PoliMi DABC - UNIBS DIMI

ACTA RE BUILD

Acoustic and Thermal Retrofit of Office Building Stock in EU

04
/07
FEBRUARY
2025



TEXTILESHUB



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

04 FEBRUARY /

POLIMI VIA BONARDI 9

- 9.15-9.30 Introduction to the Training School
CAROL MONTICELLI & EDOARDO PIANA / room 16C.01
- 9.30-11.45 Research updates and presentations
ACTAREBUILD TRAINING NETWORK / room 16C.01
- 11.45-12.15 COFFEE BREAK
- 12.15-13.00 Membrane architecture and ultra-lightweight building systems: introduction to the TextilesHUB activities
ALESSANDRA ZANELLI / room 16C.01
- 13.00-14.00 LUNCH BREAK
- 14.00-17.00 WORKSHOP ON LIGHTWEIGHT AND BENDING STRUCTURES *(for DCs only)*
MARIA GIOVANNA DI BITONTO, ILARIA PUGLIESE / TextilesHUB
- 14.15-17.00 GENERAL ASSEMBLY AND PLENARY ASSEMBLY
- 17.00-17.30 WORKSHOP RESULTS
- 20.00 DINNER AT *LA DOGANA DEL BUONGUSTO* Via Molino delle Armi 48

05 FEBRUARY /

POLIMI VIA BONARDI 9

OPEN TO ALL DABC
PHD STUDENTS

- 9.30-10.15 Textile and membrane-based solutions for the built environment: an energy perspective
ADRIANA ANGELOTTI / room 16C.01
- 10.15-11.00 Exploring textile skins for retrofitting existing facades: advantages and methodologies
GIULIA PROCACCINI / room 16C.01
- 11.00-11.30 COFFEE BREAK
- 11.30-12.15 Fog harvesting with textiles: from principles to practical testing
MANFREDO GUILIZZONI, MARIA GIOVANNA DI BITONTO, MICHELLE RODRIGUEZ /room 16C.01
- 12.15-13.00 VISIT TO *RENZO PIANO FOUNDATION* Building 14 “Nave”
- 13.00-14.00 LUNCH BREAK
- 14.00-14.45 Development of adaptive multi-layered textile system for energy-efficient retrofitting: a performance-driven approach to solar reflectance adaptation
AMIRHOSSEIN AHMADNIA / room 16C.01
- 14.00-16.00 VISIT TO DABC LABS. *TextilesHUB / 3B SURVEY LAB / SAPERlab / & LABORA*

06 FEBRUARY /

UNIBS

- 8.30 - 9.00 BREAKFAST / room B1.5/B1.6
- 9.00 - 10.30 ADDITIVE MANUFACTURING LAB Via Branze 38
LUCA GIORLEO
- 10.30-11.00 COFFEE BREAK / room B1.5/B1.6
- 11.00 - 12.30 Characterization of mechanical properties of biopolymers
STEFANO PANDINI / MATERIAL SCIENCE LAB Via Branze 38
- 12.30-13.45 LUNCH BREAK
- 14.30 - 16.00 VISIT TO THE COMPANY *CAUTO* Via Buffalora 5
- 16.00-16.30 COFFEE BREAK / room B1.5/B1.6
- 16.30 - 17.30 APPLIED ACOUSTIC LAB Via Branze 38
EDOARDO PIANA
- 19.00 DINNER AT *ENAC* Via Sant’Antonio 53

07 FEBRUARY /

UNIBS

- 8.30 - 9.00 BREAKFAST / room B1.5/B1.6
- 9.00 - 11.00 VISIT TO TEATRO *GRANDE* Corso Giuseppe Zanardelli, 9/A
- 11.00 - 11.30 COFFEE BREAK / room B1.5/B1.6
- 11.30 - 12.30 **EXAM**
- 12.30-14.00 LUNCH BREAK / room B1.5/B1.6

