



POLITECNICO
MILANO 1863

DIPARTIMENTO DI ARCHITETTURA,
INGEGNERIA DELLE COSTRUZIONI
E AMBIENTE COSTRUITO



University
of Antwerp

ETH zürich

Workshop Lifelong Learning

Whispers from a Summer Nest

A Circular Pergola from Reclaimed Materials

From 1 to 6 July 2024

Duration: 6 day

Location: Politecnico di Milano, Campus Leonardo, Milan (IT)

Cost: 150€ (+ 2€ for taxes)

Cost for POLIMI students is:

€ 75 + € 2 for taxes and material purchases.

Sign up at the following link:

<https://www.polimi.it/en/programmes/specializing-masters-and-postgraduate-programmes/405>

Info: **Prof Ornella Iuorio** (ornella.iuorio@polimi.it)

Secretary: circular-dabc@polimi.it



RECIPIENTS

The event is open to students from Italian and foreign countries studying Architecture, Architectural Engineering, and Structural Design as well as to Doctoral students upon registration. Participants will be selected on the basis of their CV and motivation statement which they must produce when requesting registration.

NB: The organizers reserve the right not to hold the event if the minimum number of 10 people is not reached.

CONTENTS

The use of sustainable construction materials is crucial for a more sustainable future. Reusing existing materials is at the core of circular construction and is fundamental to our future architecture. As availability-based design leads to a wider notion of materiality, we need to explore how to understand different forms, develop connections, and arrange components and spaces.

This 1-week design and build workshop is aimed at exploring the possibilities of reusing building materials. Participants will be provided with a given set of components and asked to analyze and discuss their technical and architectural properties, as well as possible modes of connection..

They will then develop design proposals for a small structure that will serve as a temporary meeting place on the campus of the Politecnico di Milano. This pavilion will act as both a social hub and a demonstrator of circularity. In the final phase of the workshop, the group will construct the chosen design

PROGRAMME

L'evento si terrà secondo il seguente programma:

1 July 2024

Day dedicated to the principles of circular economy applied to the world of architecture and engineering. Case studies and best practices will be discussed and analyzed.

2 July 2024

Day dedicated to the design of a temporary structure starting from a series of elements, materials and components that will be made available, and which derive from the disposal of other construction sites.

2 July 2024

Day dedicated to the design of the construction details for the temporary structure which will have been defined collaboratively during the second day. The details will have to be developed taking into account the manufacturing technologies available to the Polytechnic.

4 & 5 July 2024

Two days dedicated to the fabrication of the planned work. This will include the definition and remodeling of the elements, materials and components made available, and the creation of the connection systems.

6 July 2024

Construction of the temporary structure near the area where the Summer School will be held.

MODALITY

The event will be held in person. The official language of the event is English.

TEACHING TEAM

Prof. Ornella Iuorio (POLIMI)

<https://www.dabc.polimi.it/persona/ornella-iuorio/>

Prof. Mario Rinke (Antwerp)

<https://www.uantwerpen.be/en/staff/mario-rinke/>

Prof Alessandro Tellini (ETH)

<https://raplab.arch.ethz.ch/alessandro-tellini/>

Prof. Fulvio Re Cecconi (POLIMI)

<https://www.dabc.polimi.it/persona/fulvio-re-cecconi/>