

## Teaching Portfolio

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### **Pedagogical view: Pedagogical practice - Basics / values**

My pedagogic approach is based on the tradition of studio-based teaching, where students are involved in experiential learning, supported by theoretical reflections and in-depth tooling investigation. In design-related fields, learning by doing is considered a fundamental pedagogic process.

In my teaching, studio activity follows a research-based approach where students are involved in design/build research inquiries and called to develop experimental work with an interdisciplinary approach, involving material research, fabrication developments, new manufacturing and design tooling, biomimetics.

The underlying method is based on prototyping: following material and technology investigations that assume a fundamental role in exploring creative design solutions and in developing critical design thinking

### **Teaching experience**

#### **Studio-Based Teaching**

2012 - 2017 - Building Technology Studio (Politecnico di Milano)

2011 - Architectural Design Studio (Politecnico di Milano)

#### **Intensive Teaching**

2018 - 2019 Experimental Architecture with Computational Design and Digital Fabrication

2018 - 2019 - Architectural Association Visiting School Dubai

2013 - 2017 - Series of International Workshops on Computational Design (Politecnico di Milano)

#### **Supervision**

2019 - Experts in Team "Construction 3D Printing"

2014 - 2019 - Extensive Supervision of Bachelor, Master, PhD Theses

### **Formal pedagogical training / Formal educational education**

Lecturer Training Program 2018-2019

### **Other activities related to teaching and teaching development**