

BAU

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Taller de modelado y Microarquitectura



[www.mediodesign.com](http://www.mediodesign.com)

**/ LAM**

[www.lam.to.it](http://www.lam.to.it)

Team   

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The goal of the course is to to experience a dimension of design between architecture and interior, a dimension big enough not to be a product, small enough not to be architecture.

In the course we will investigate our proximal space examining relations between body and space.



Micro



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Winnipeg Skating Shelters - Patkau Architects



Cardborigami | Instant Space | Tina Hovsepien | Archinect



Total Furniture Unit - Joe Colombo

<http://pinterest.com/lupacri/taller-de-modelado-y-microarquitectura/>



Space is the boundless three-dimensional extent in which objects exist and events occur and have relative position and direction.

Physical space is often conceived in three linear dimensions, although modern physicists usually consider it, with time, to be part of a boundless four-dimensional continuum known as spacetime.



Ron Mueck



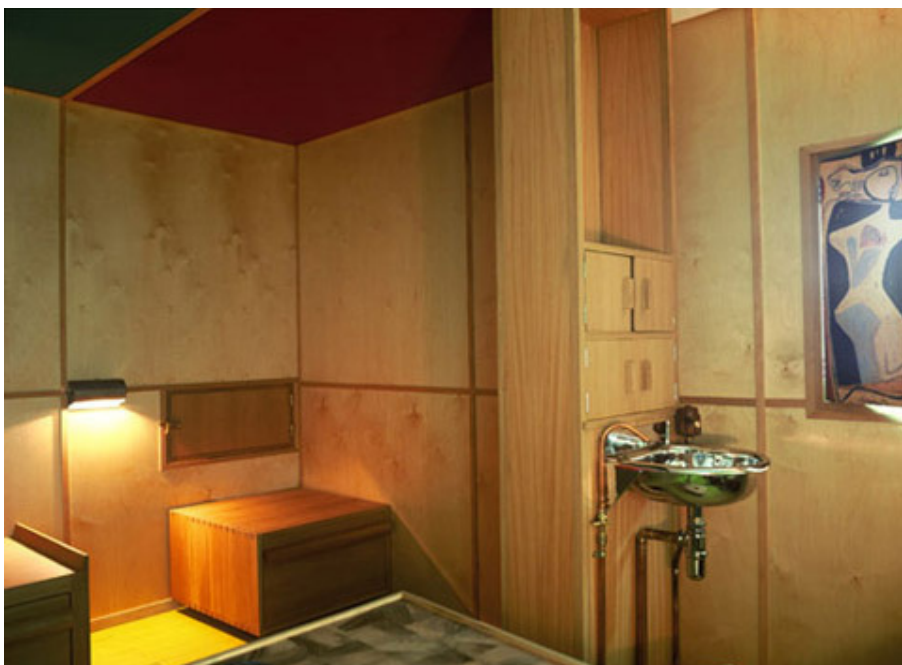


Antony Gormley

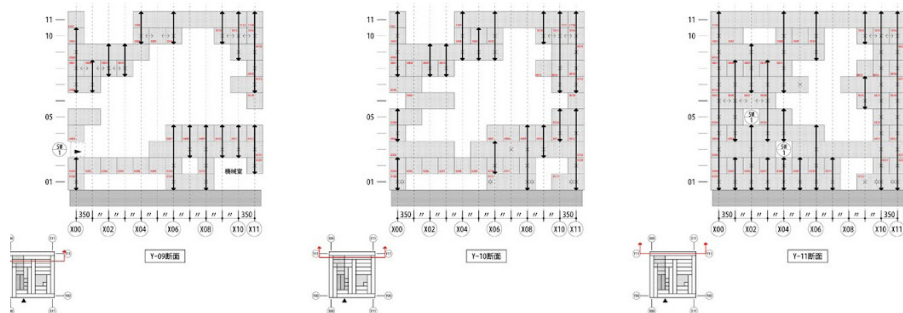
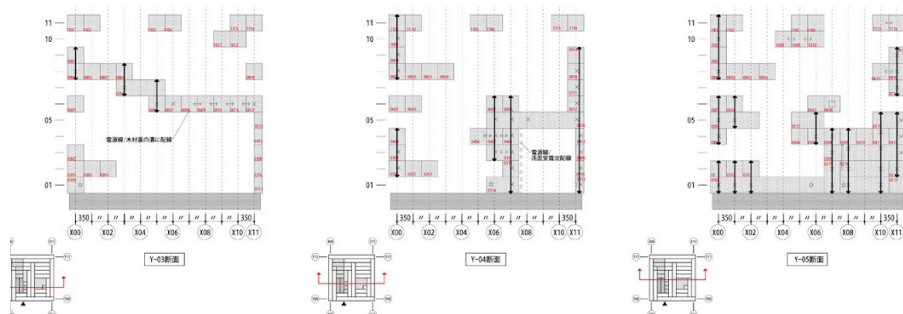
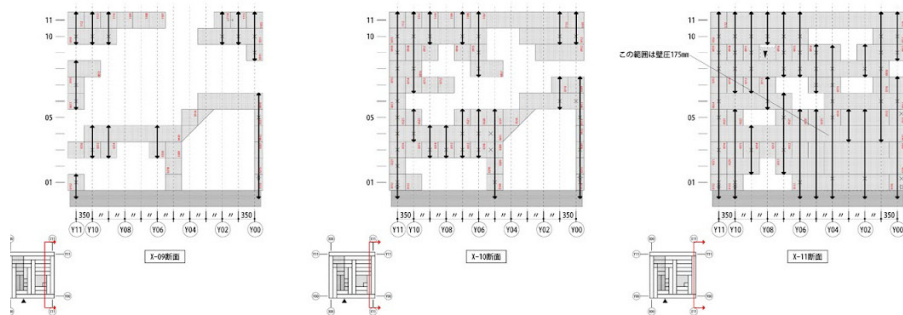
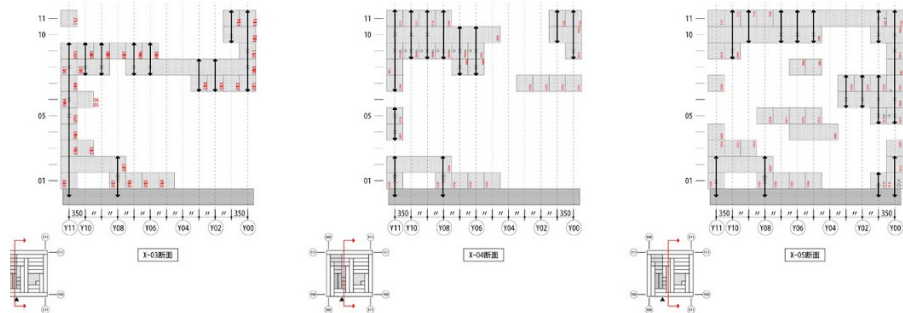
# Body and Space

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Le Cabanon /  
[www.lam.to.it](http://www.lam.to.it)



This is a place like an amorphous landscape with a new experience of various senses of distances. Inhabitants discover, rather than being prescribed, various functionalities in these convolutions.

# Wooden house



# BRIEF

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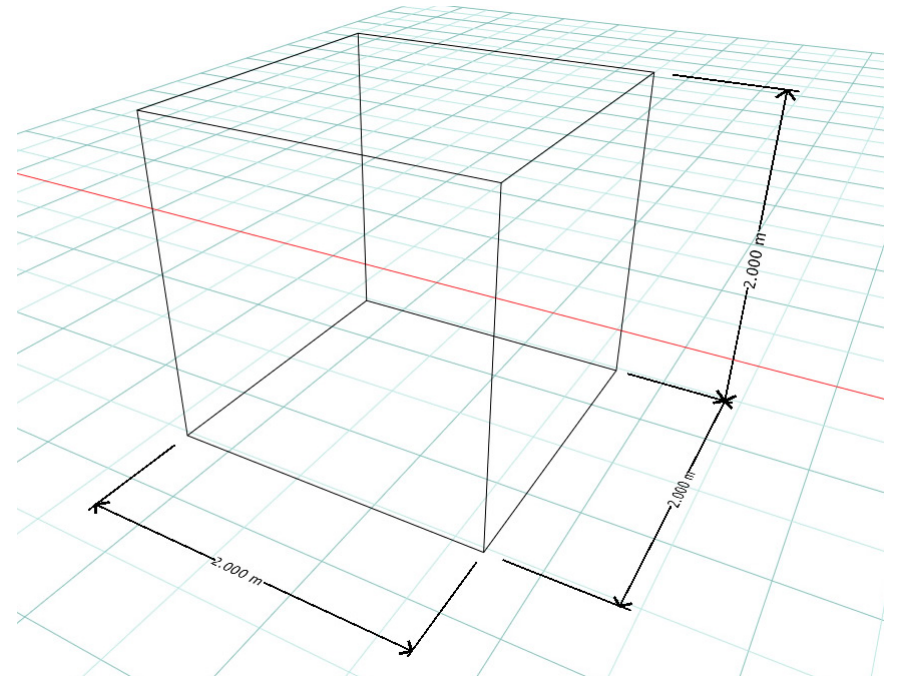
# What

Students will design a space traslating one of the followign concepts/ activities into space:

Love, Rest, Contemplate, Meditate, Play, Listen, Eat, Pray

## 2x2x2

The instalation of the students will take a maximunt amount of space of 2m x 2 m x 2m, everything has to fit this maximum space, there is no limit for about the minimum space.



## Basic Attributes of the designed Space

Light – Heavy - Light – Dark - Open – Closed - Smooth – Rough - Empty – Full -  
Sunny – Shady - Orderly – Chaotic - Silent – Noisy - Natural- Artificial - Warm – Cold  
- Sharp – Soft - Private – Public - Calm – Excited - Comfortable - Uncomfortable

Brief

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Where

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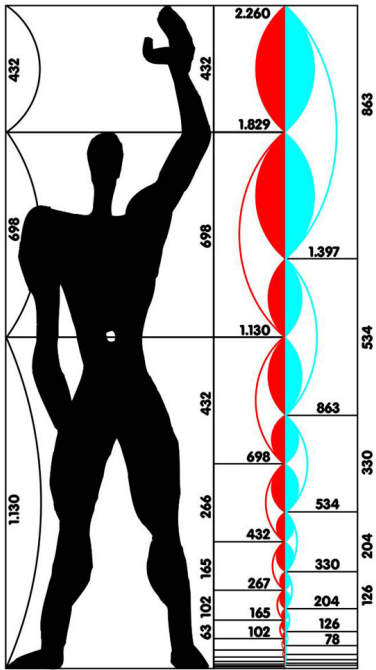


Any given public space is good to insert the project.

The students will determine ahead the location. They will think about how they experience the space:

- How do you enter?
- From where?
- What do you do inside?
- For how long?
- What happen outside?
- What do you hear?
- Are you able to see outside?
- Are "they able to see inside"?





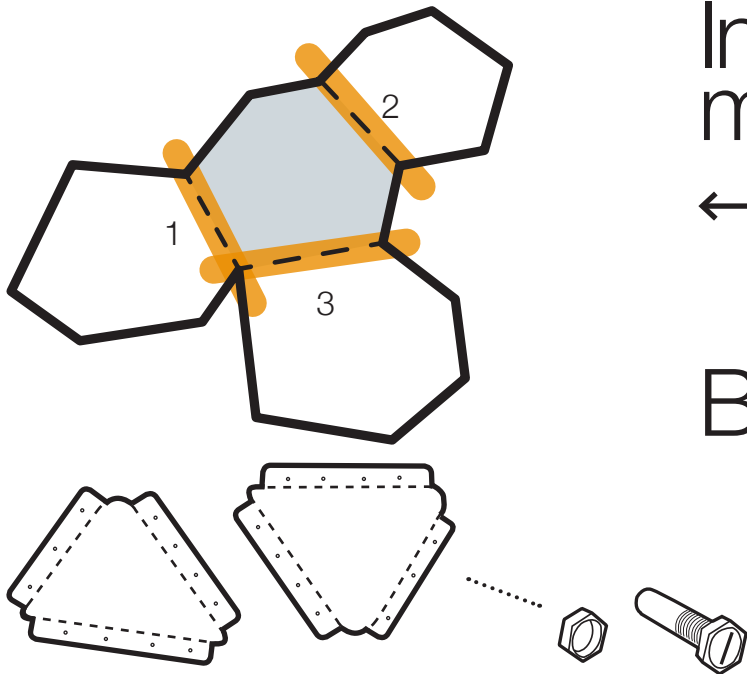
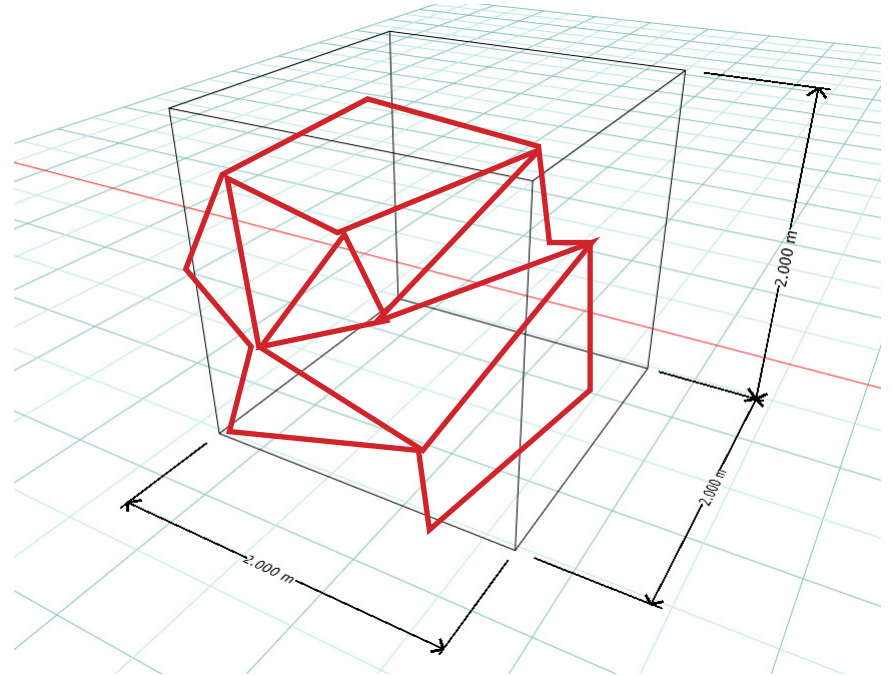
# User Observation

Experience your proximal space, map your movement and body.



# Work on Shape

get to know constraints of building a shelter: joints, structures, stability, feasibility.



# Inspect modules



# Build it up



Process



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2 boards 205 x 240 of mdf 5  
mm thick (14,76 kg)

## MARC - MARZO - MARCH

Research. Ricerca.

*March will be left to the research part, In this period the students will get all the informations worth to produce the projects in April and May.*

Nel mese di Marzo gli studenti si occuperanno della ricerca necessaria ad affrontare il progetto con i dati e le conoscenze di base necessarie per produrre il progetto nei mesi di Aprile e Maggio.

### 1. MARCH - /LAM

Brief - Introduction to Microarchitecture and Proximal Space

### 15. MARCH - MedioDesign

Digital Fabrication - from cad cam to cnc - materials - 3d paths ...

## ABRIL - APRILE - APRIL | MAIG - MAGGIO - MAY

From Concept to Project.

Dall'idea al progetto.

*According with the process of digital design there will be no signed separation between concept and final- project, the students will experience a no-gap workflow to get the main point of producing a project in the design era.*

In accordo con i principi di "digital design" non ci sarà netta separazione tra le varie fasi di progetto quali ideazione e produzione, in questo modo gli studenti faranno esperienza del flusso di lavoro continuo per apprendere il significato di produrre un progetto nell'era digitale.

### 5. APRIL - /LAM

Mock up concept.

### 19. APRIL - M.D.

Final Mock up

### 3. MAGGIO - /LAM

Final Mock up - unfolding - cad drawings for production.

### 17. MAGGIO - M.D.

Unfolded Mock-up - Final cad drawings for production.

### 31. MAGGIO - M.D. /LAM

Set up and Presentation

Calendar 

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3 projects of MicroArchitectures

3 mock up folding and joining paper

User observation:

Map of the body in the space (20 pictures front view \ 20 pictures side view)

Select the “negative space” between body and shelter.

Map of the location (boundary of the chosen spot)

Pictures of chosen space

People flowing lines