



# Workshop / May 6th-9th 2014

@ Middlesex University, London

*professor* Francesca Murialdo

*tutor* Laura Galluzzo, Cristina Foglia, Erica Ghizzi

## WEARABLE SPACE

\*craig-green, recalculate dance piece with atopus cvc + marianna kavallierat, \*\* Tara Keens Douglas - Ecsatic Spaces 01, ° Walking Berlin by Fantastic Norway, °°akatré



POLITECNICO DI MILANO



SCUOLA DEL DESIGN



**Workshop / May 6th-9th 2014**

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## WEARABLE SPACE

\\BACKGROUND

\\THE BRIEF

\\WHAT

\\HOW

\\ORGANIZATION

\\TEAM

\\OUTPUT

\\CALENDAR

INDEX

WHO WE ARE

**#francesca murialdo**

**#laura galluzzo**

**#cristina foglia**

**#erica ghizzi**



WEARABLE SPACE



WEARABLE SPACE



The background of the entire slide is a light beige color with a fine grid of small black dots. Overlaid on this grid are various hand-drawn elements in a muted olive-green color. These include several large, irregular, organic shapes that resemble cells or blobs, some with internal white spaces. Interspersed among these are numerous small, detailed mechanical components, such as gears, pistons, and what look like small robot-like figures with wheels. The overall aesthetic is that of a technical or scientific illustration with a touch of whimsy.

WHY | OUR VISION  
#the background

|weak as reversible|  
|liquid as diffused|  
|transformable as temporary|  
the way we design is changed

WEARABLE SPACE



WHY OUR VISION  
#the way we are



WEARABLE SPACE





olafur eliasson|the weather project|late modern

WHY|OUR VISION

**the production of space  
takes place through the body  
experience**

WEARABLE SPACE

WHY OUR VISION  
#the way we live

BOXPARK

+ the contemporary city is a continuously setting up where the two model, the one of the stone city and the one of the transformable city, do live side by side

WEARABLE SPACE





WHY | OUR VISION  
#the way we live



+ the city is not anymore a sum of architectural containers but a network that accomodate goods, information and services

WEARABLE SPACE



# WHY | OUR VISION #the way we live

+ During the XX cent. we can see a progressive **dissolution** in the traditional living space concept

WEARABLE SPACE

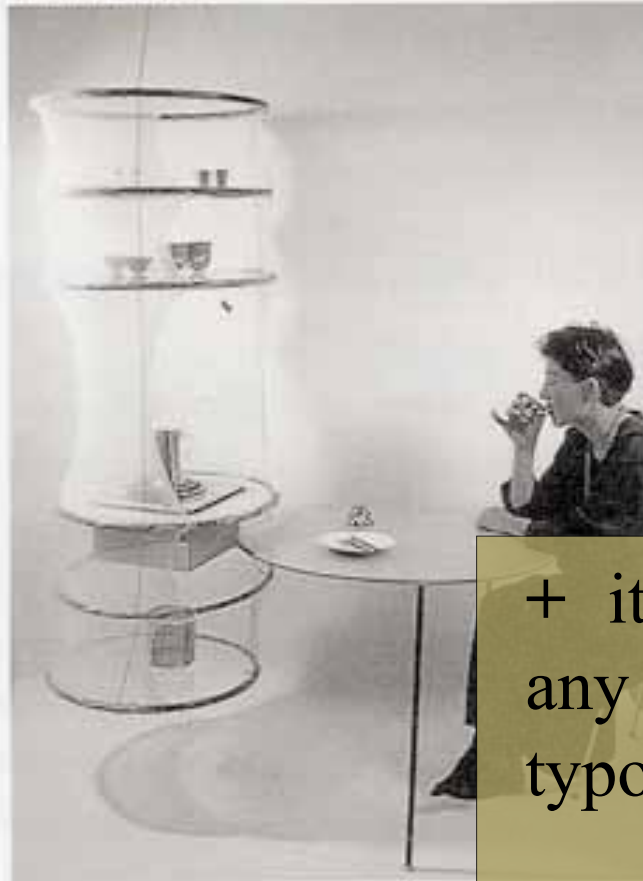


# WHY | OUR VISION #the way we live |shrinking spaces|

PAD 1  
Premobiliario para la Moda  
Pre-furniture for Styling



Premobiliario para el Aperitivo  
Pre-furniture for Snack



Premobiliario para la Inteligencia  
Pre-furniture for Intelligence



+ it's nearly possible to do  
any activities in no particular  
typological space

## WEARABLE SPACE

The image shows a small, modular wooden office building. It has a light-colored wooden frame and a blue-painted interior. The building is divided into three sections. The left section has a blue chair and a desk. The middle section has a blue desk and a blue chair. The right section has a blue desk and a blue chair. The building is made of wood and has a blue-painted interior. The text "WHY | OUR VISION" is at the top, "#the way we live" is below it, and "|shrinking spaces|" is at the bottom. The text "+ it's nearly possible to do any activities in no particular typological space" is in a box on the right. The text "WEARABLE SPACE" is at the bottom.

WHY | OUR VISION  
#the way we live  
|shrinking spaces|

+ it's nearly possible to do  
any activities in no particular  
typological space

WEARABLE SPACE



WHY | OUR VISION  
#the way we live



+ it's nearly possible to do  
any activities in no particular  
typological space

WEARABLE SPACE

WHY YOUR VISION  
#the way we live

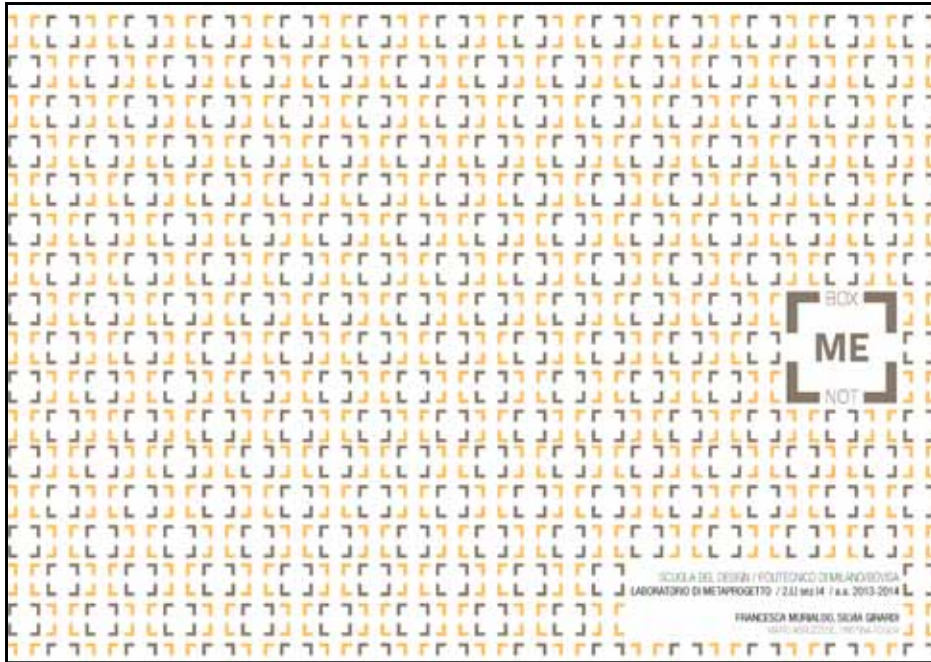


WEARABLE SPACE



# WHY | OUR VISION

## #boxMenot



CONCEPT  
COME?

### DEFINIZIONE DELLE CARATTERISTICHE DEL MODULO

04 - COME LO TRASPORTO?

STABILE - MOBILE - SMONTABILE



# WEARABLE SPACE

AWAYTOCOOK

WHY | OUR VISION  
#boxMenot



away to cook | mazzon riccardo, pasqualone cosimo, pucci paola f. r.



w.e. green | meloni paola, panzeri camilla, mombrini martina

WEARABLE SPACE



# WHY | OUR VISION #boxMenot



box makes boxes | papotti ilaria, plona nadia, ragazzi matteo



do your own | pelati stefano, pozzoli alessio, reina marcello, zommer tina

# WEARABLE SPACE

# WHY | OUR VISION



proxemic bubble

body + wearable space will  
create a place around the body.  
/ personal space

WEARABLE SPACE



A large, flowing red dress with a long train is displayed in a dark, multi-level hall. The dress is illuminated by red stage lights, creating a dramatic effect. The hall has a balcony with a railing in the background. The overall atmosphere is artistic and theatrical.

WHY OUR VISION  
#the way we live

proxemic bubble  
body + wearable space will  
create a place around the body.  
/ social + public space

WEARABLE SPACE



lucy horta\_refugee wear

WHY | OUR VISION  
**#occupy the body**

functional and symbolic  
meanings

WEARABLE SPACE



vexed generation

WHY | OUR VISION  
**#occupy the body**

functional and symbolic  
meanings

WEARABLE SPACE





forrest jessie|dimaxion stairs

WHY | OUR VISION

body as source + activator of  
space

WEARABLE SPACE



# WEARABLE SPACE

## BRIEF



WHAT

#ingredients|1|function

+design a **function** that must  
be wearable

++**active** [body performs same function]

++**passive** [body performs other function]

#PROMOTE YOUR TALENT

+SELL

+STUDY

+SHOW

+SEW

+PLAY

+COOKING

+DRAW

+KISS

....

WEARABLE SPACE





craig green

WHAT

#ingredients|2|extension

+design a **volumetric extension** of the body able to generate a space

++ready to wear

++on/off

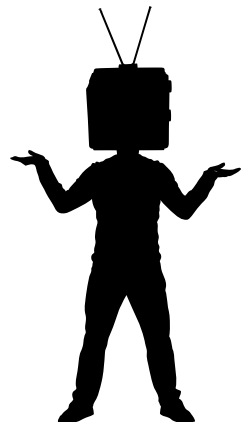
WEARABLE SPACE



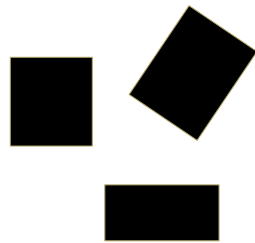
+



=



+



=



WHAT

#ingredients|2|extension

+design a **function** that must be wearable

++**active** [body performs same function]

++**passive** [body performs other function]

+

+design a **volumetric extension** of the body able to generate a space

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WEARABLE SPACE



one man band c1865

## WHAT #ingredients

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# WEARABLE SPACE





## WHAT #ingredients

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*Sushiborg Yukari by Hiromi Ozaki*

# WEARABLE SPACE



self-sustainable chair by jooyuon park

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*Self-Sustainable Chair by Olivia Chen*

WEARABLE SPACE

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craig green|watermill 2012



## WEARABLE SPACE



# WHAT #ingredients

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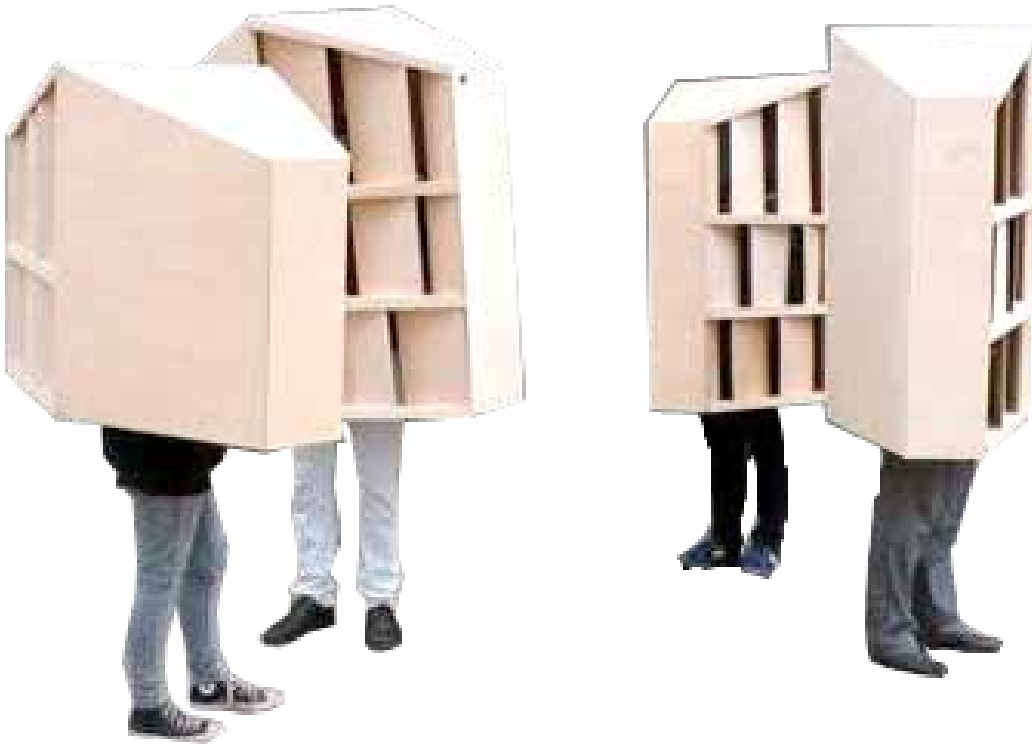
++**passive** [body performs other function]

+design a **volumetric  
extension** of the body able to  
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## WEARABLE SPACE





ilya zdanevich in cubist costume for dada ball 1923-1924 paris

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# WEARABLE SPACE



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WEARABLE SPACE





where masks still dance: new guinea 1|chris rainier

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## WEARABLE SPACE



picnic pants|acquacalda design



## WHAT #ingredients

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# WEARABLE SPACE





hat / roof 1994 | allan wexler

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*Hat/Roof 1994 by Allan Wexler*

WEARABLE SPACE



ecsatic spaces 01|tara keens douglas

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++**on/off**

*titolo*

# WEARABLE SPACE



intimacy shell

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*'Wearable Privacy Shell' by Marina Galperina*

WEARABLE SPACE





hussein chalayan



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*Wearable, Portable architecture by Hussein-Chalayan*

WEARABLE SPACE

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## WEARABLE SPACE



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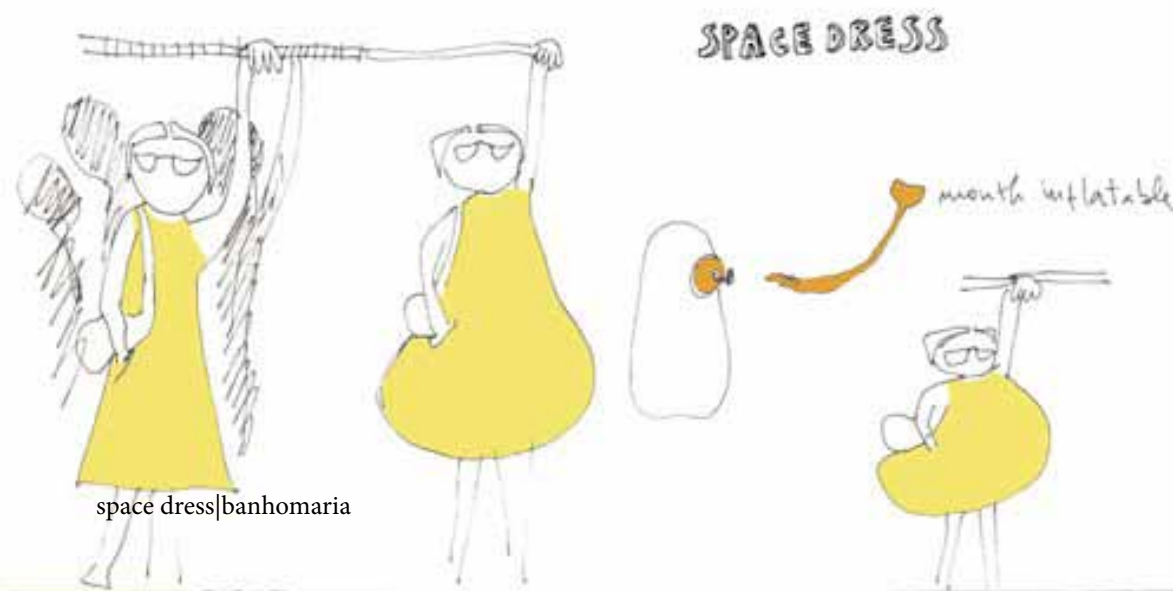
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*Wearable, Portable architecture by Hussein-Chalayan*

## WEARABLE SPACE







[ P R O B L E M ]

⋮

[ S O L U T I O N ]

## HOW #recipe

Every cooking book contains suggestions about how to prepare a dish. Sometimes there are very few indications about it, sometimes every step is fully described (in a logical order) to give directions (even about the kind of pot or the kind of fire you must use)

Cooking a risotto needs a method (and an order, a hierarchy) just like to design the perfect pot we need to cook it. You can't boil the rice before you browned the onion. So you can't look for a "fantastic idea" to give an answer to a design problem, without having made a research about the market or the materials (that would be "the romantic designer" case, obliging the technique to realize something extremely difficult, expensive, not comfortable but – maybe-beautiful).

The project methodology is nothing but a sequence of necessary steps, in a logical order, defined by experience. The aim is to get/reach the maximum result with the minimum effort.

Creativity doesn't mean improvisation without method. The steps constituting the project methodology are objective values which become operative tools in the hands of creative designers. Always remember that the method is not something absolute and definitive. It's something modifiable when you find objective values which increase the process.

WEARABLE SPACE



## HOW #recipe

*step 01\_ Define the problem*

*green rice with spinach for four persons*

**A WEARABLE SPACE?** what for? For studying?  
Working? Which materials should I use? Where i  
should be used? Etc.

**Choose the function(s)**

WEARABLE SPACE



## HOW #recipe

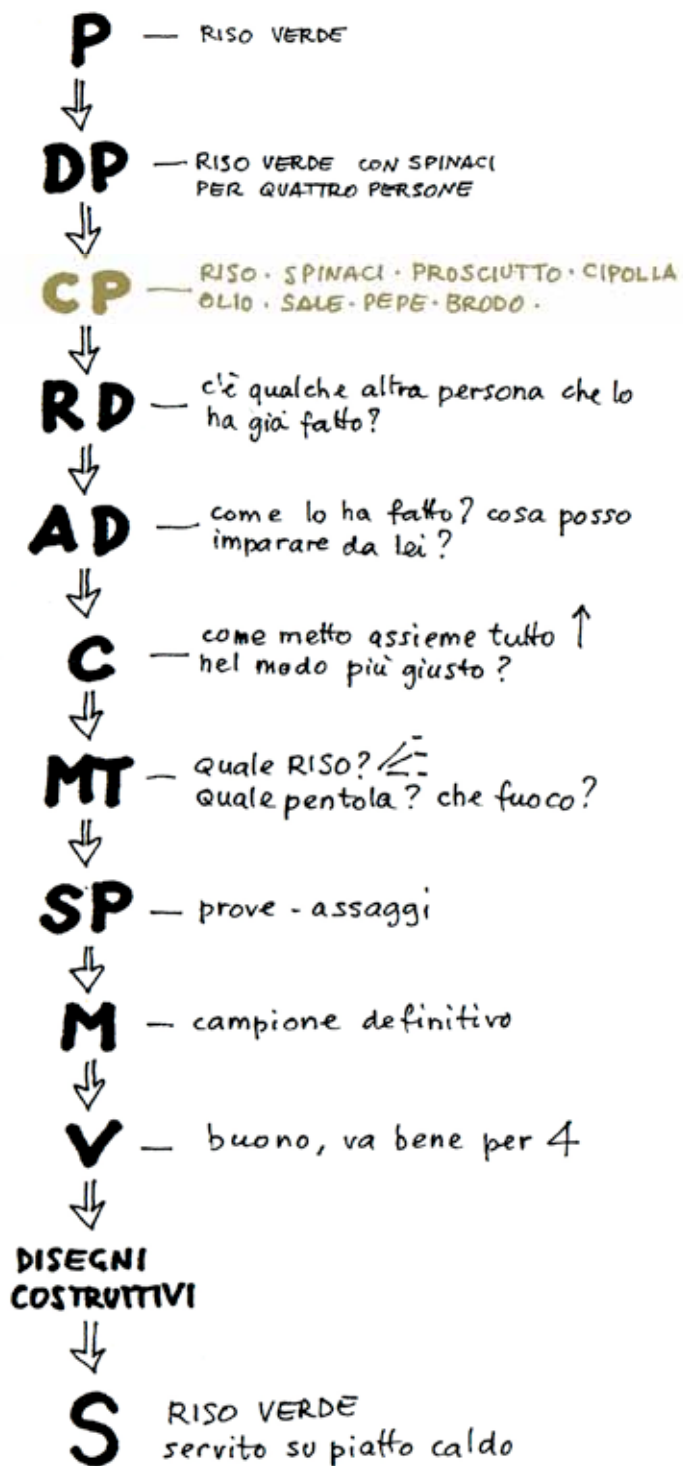
*step 01\_ Define the problem*

*green rice with spinach for four persons*

## IDEA!

Some designers are now tempted to look for an idea. Yes we do need it, but this is not the right time.

WEARABLE SPACE



## HOW #recipe

### step 02\_ Components of the problem

rice, spinach, ham, onion, oil, salt, pepper, broth

relating to the function, how does it work? it's a ready made? it opens? it has to be transportable? re-usable?

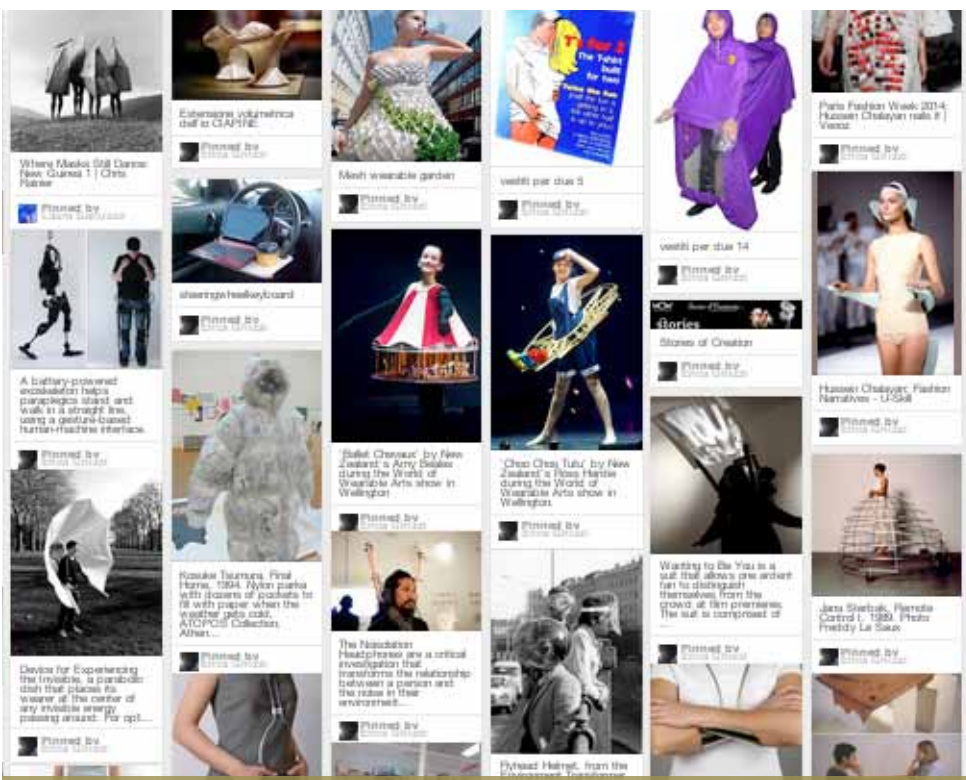
Conceptualize how it could work

WEARABLE SPACE





## Collect case studies



# WEARABLE SPACE





## HOW #recipe

### step 05\_ Creativity

*How will I mix everything in the best+right way?*

Considering the large amount of collected data, looking for a solving idea would be still a “romantic-artistic” way of designing. Actually creativity will replace the idea. Creativity stays in between the problem limits, which come out from the analysis of data and sub-problems.

Design your idea and name it

WEARABLE SPACE



## HOW #recipe

### step 06\_ *Materials and Technology*

*Which rice? Which pot? How should be the fire?*

A new, additional research about materials and technologies which are available.

Start thinking that you'll have not much time or money to produce your prototyp; and that's parte of the challenge

WEARABLE SPACE





# HOW #recipe

step 07\_ Experimentation

Try and Taste

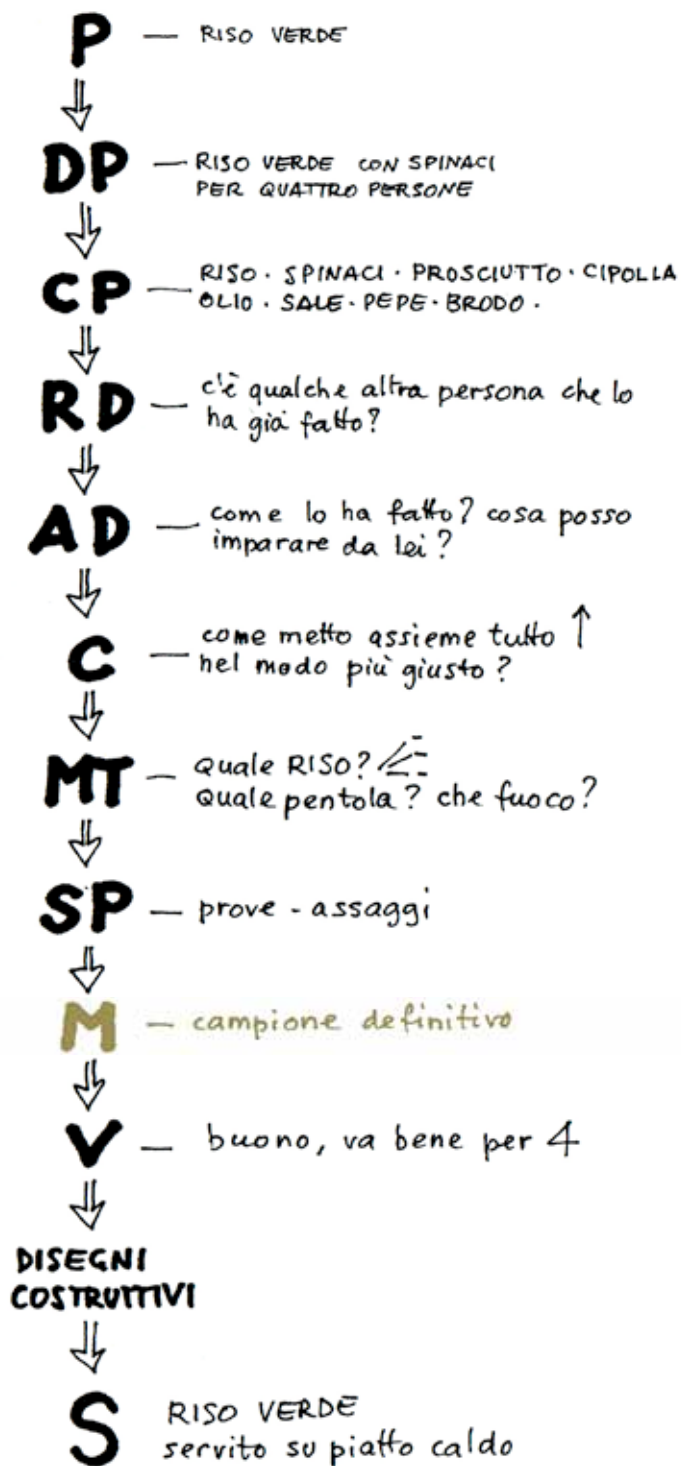
Experimentation on new uses of a well known material (or technology) can lead to innovative solutions

Work at your prototype



# WEARABLE SPACE

wearable table as "in-between" space / object | kasiawitek



## HOW #recipe

*step 08\_ Built your prototype*

*Definitive version*

This far, we didn't pick up the pencil yet. Now we can start sketching and drawing.

Work at your prototype



# WEARABLE SPACE

wearable table as "in-between" space / object | kasiawitek



## HOW #recipe

step 09\_ Test

*Good! Perfect for four*

test the models (asking some possible users to do it, and to give their opinions) and verify the project.  
Judgements must be objective

WEARABLE SPACE



## HOW #recipe

### step 10\_ Construction Drawings

draw and construct your prototypes

WEARABLE SPACE





## HOW #recipe

*step 11\_ Green rice served on a warm plate*

**My best Wearable Space**

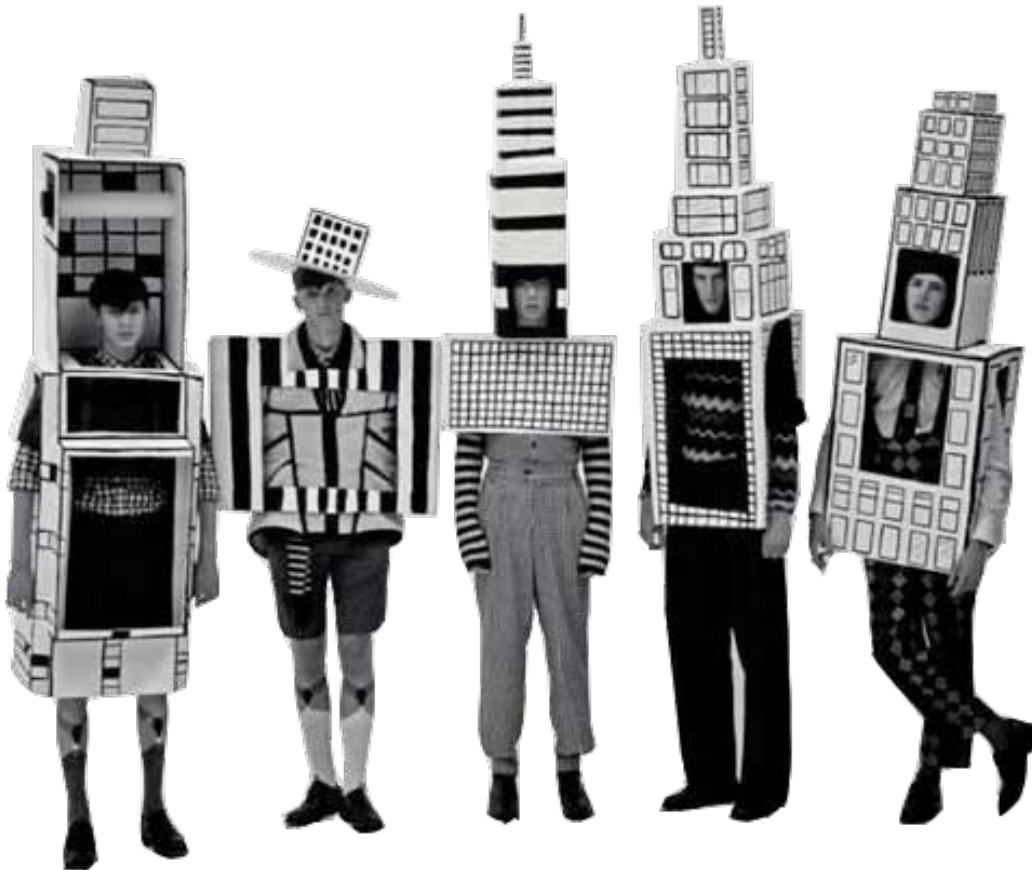
WEARABLE SPACE



# WEARABLE SPACE

ORGANIZATION

# ORGANIZATION #team

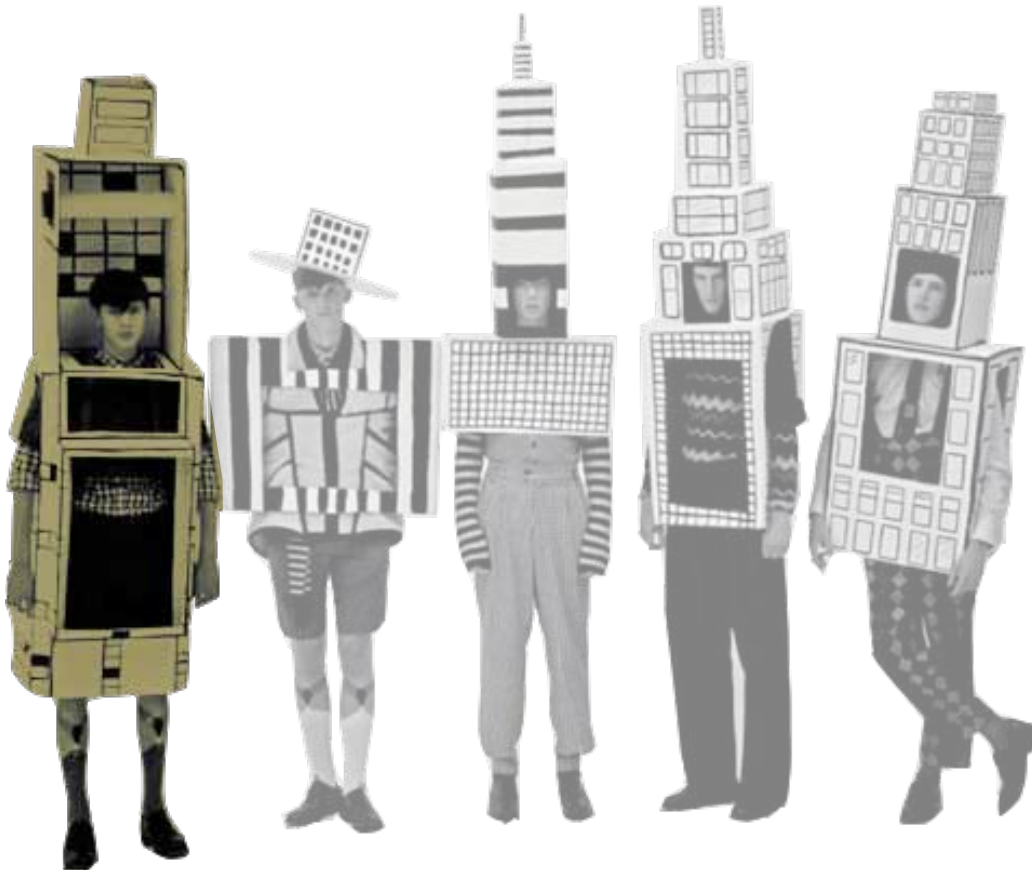


building blocks|ben toms

WEARABLE SPACE

# ORGANIZATION

**#team**  
*roles*



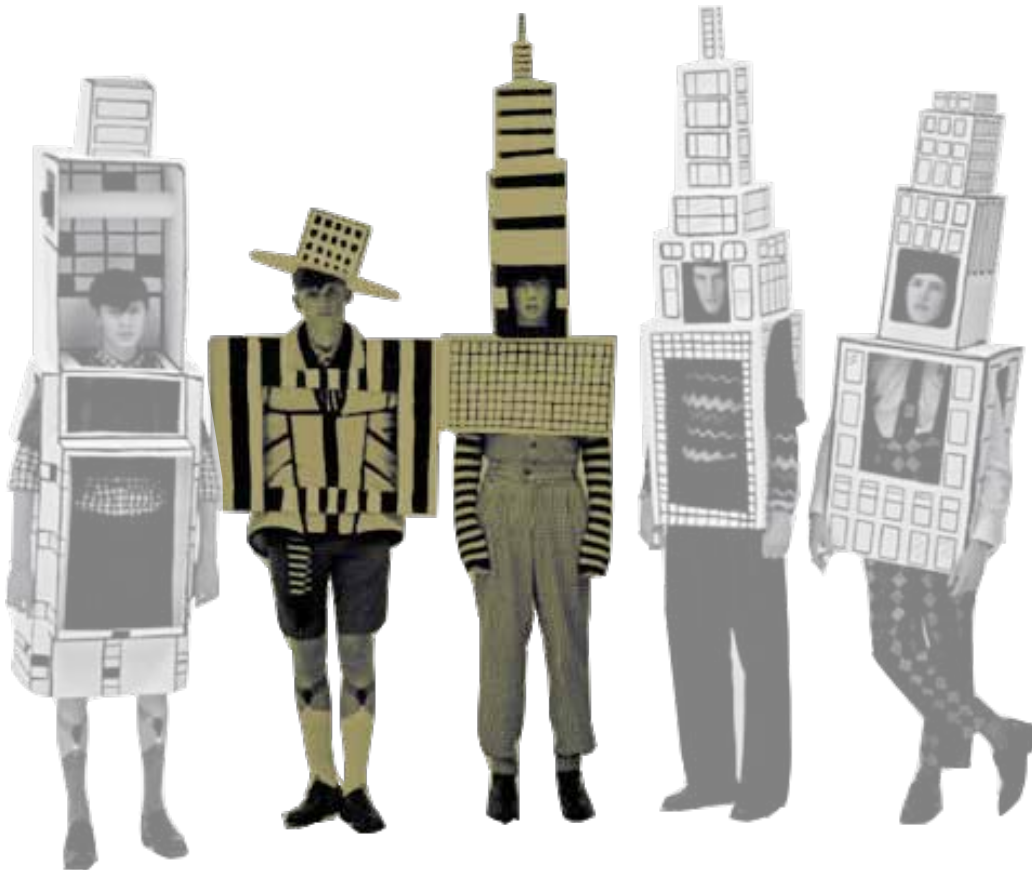
## DESIGN

+ backstage (pics/video of all the process shooted day by day)

WEARABLE SPACE



ORGANIZATION  
**#team**  
*roles*

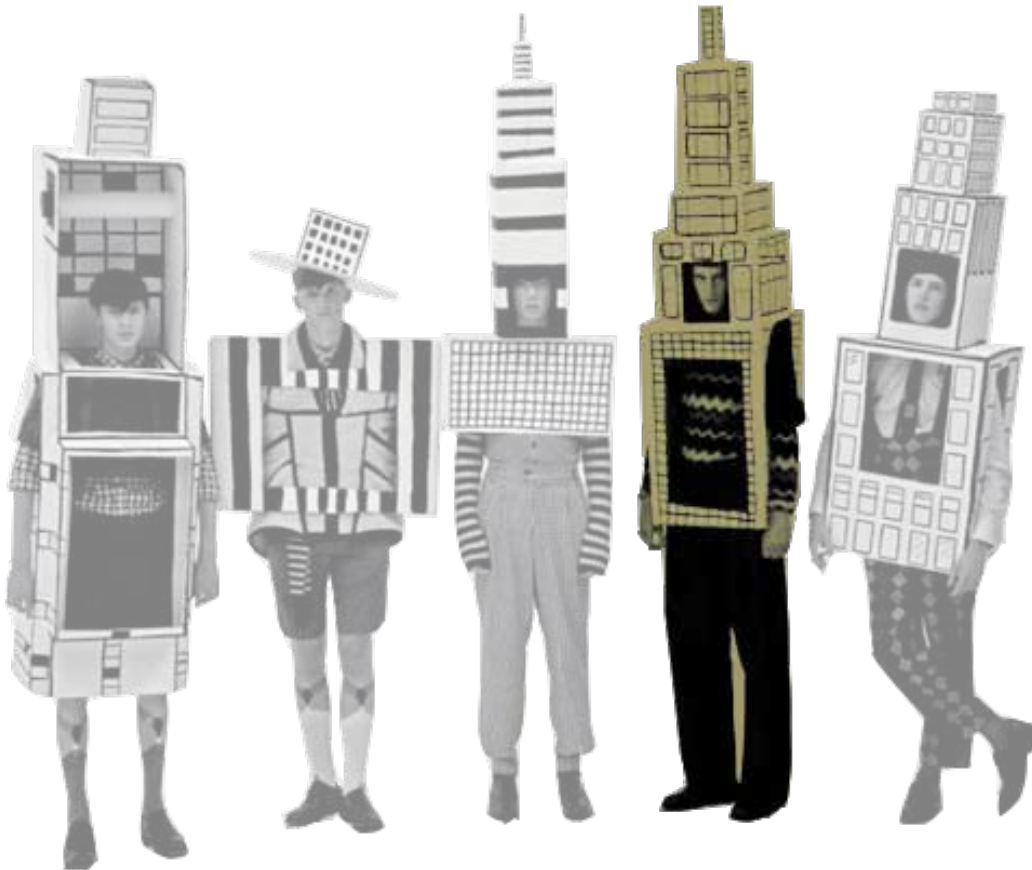


**DESIGN**

+ responsible for model  
making

WEARABLE SPACE

ORGANIZATION  
**#team**  
*roles*



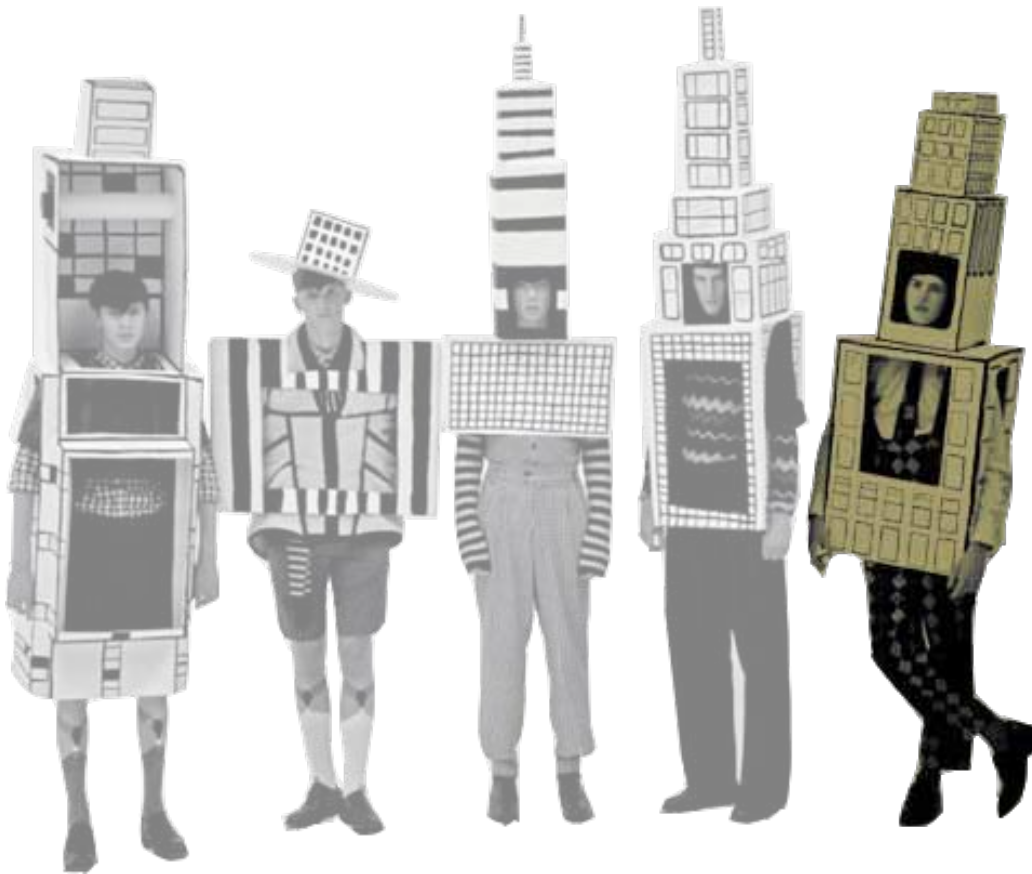
**DESIGN**

+ responsible for catwalk  
show

WEARABLE SPACE

# ORGANIZATION

**#team**  
*roles*



## DESIGN

+ responsible for booklet/flyer/  
postcard design

WEARABLE SPACE

OUTPUT

#catwalk 3-5 min/each

+1:1 model

+work in pro/backstage

+sticker design



1948 fiera campionaria di milano

WEARABLE SPACE





craig green

OUTPUT  
**#catwalk**

**+1:1 model**

**able to be shown on a catwalk in its  
different phases (if any)**

**+work in pro/backstage**

**+sticker design**

WEARABLE SPACE

OUTPUT  
**#catwalk**

**+1:1 model**

**+work in pro/backstage  
collection of pics+video of the  
work in pro + sketches+...to be  
shown at the back of the catwalk  
performance. any music?**

**+sticker design**

WEARABLE SPACE

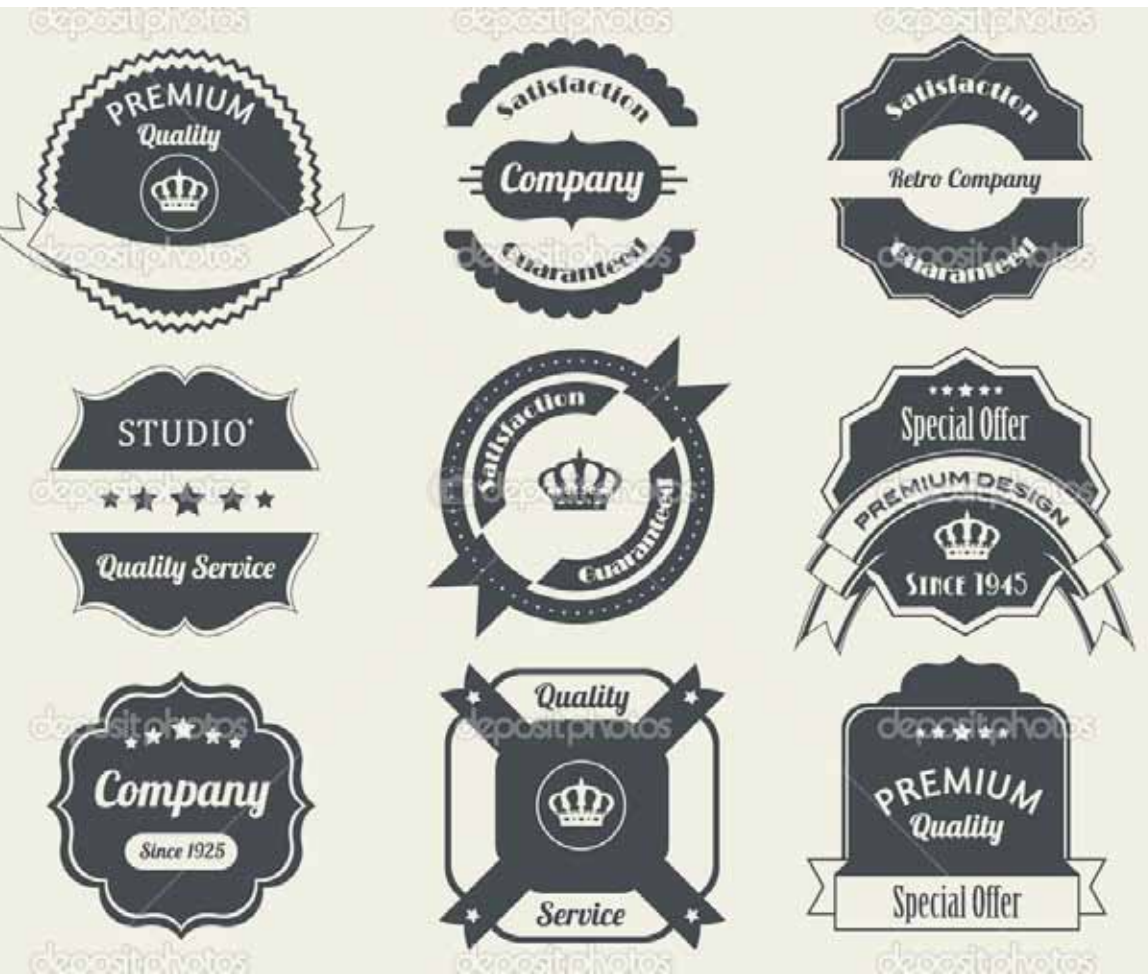
OUTPUT  
#catwalk

+1:1 model

+work in pro/backstage

+sticker design  
to be distributed to fans

WEARABLE SPACE



ORGANIZATION  
**#calendar**  
*day by day*



WEARABLE SPACE



ORGANIZATION  
**#calendar**  
*06<sup>th</sup> may*

**LECTURE**

+ workshop presentation

**WORK**

+ concept ideas

**REVIEW**

+ concept ideas



WEARABLE SPACE

ORGANIZATION  
**#calendar**  
*07<sup>th</sup> may*

**REVIEW**

+ moodboard and concept presentation

**WORK**

+ project development

**REVIEW**

+ project ideas



WEARABLE SPACE

ORGANIZATION  
**#calendar**  
*08<sup>th</sup> may*

**REVIEW**

+ project presentation

**WORK**

+ construction prototype  
+ catwalk setting up



WEARABLE SPACE

ORGANIZATION  
**#calendar**  
*09<sup>th</sup> may*

**WORK**

- + catwalk setting up
- + photoshoot

**EVENT**

- + catwalk wearable space



WEARABLE SPACE

LA.BO.works

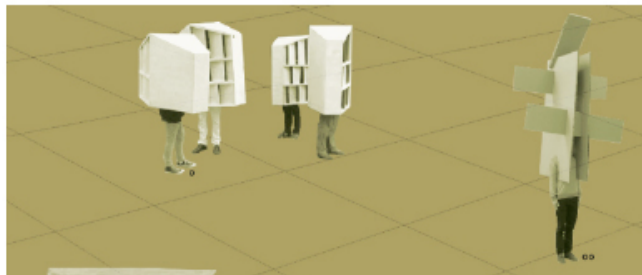
laboratorio bouças



HOME ABOUT WORKS LECTURES SOURCES SELECTED PROJECT PEOPLE

**Wearable Space | May 6th-9th 2014 @ Middlesex University, London**

Posted on 2014/05/04



Calendar  
May 2014

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

« Apr

Categories

- Contact+WS /GNP/
- diary
- fab/STORE
- gallery
- guest
- IDEAstoria
- lectures

ORGANIZATION  
#tools|communication



LA.BO works//BLOG

laboworks.org/

LA.BO works//FACEBOOK

www.facebook.com/Laboworks

LA.BO works//TUMBLR

wearablespace.tumblr.com/

Wearable Space @ Pinterest

pinterest.com/wearable-space/

WEARABLE SPACE

LA.BO.works

laboratorio bouças



HOME ABOUT WORKS LECTURES SOURCES SELECTED PROJECT PEOPLE

WEARABLE SPACE

WEA

Jacqui M...

Retail Future  
Challenge 2013

fab/STORE

Contact+WS /GNP/

SMALL house/2013  
design

IDEAstoria

(Work... 2014 @ Middlesex University, London)

Shrinking spaces from city to rooms  
New value as weakness and reversibility

Production, consumption, communication merging in virtual space

Calendar  
May 2014

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

« Apr

Categories

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- lectures



# ORGANIZATION



**LA.BO works//BLOG**

[laboworks.org/](http://laboworks.org/)

**LA.BO works//FACEBOOK**

[www.facebook.com/Laboworks](http://www.facebook.com/Laboworks)

**LA.BO works//TUMBLR**

[wearablespace.tumblr.com/](http://wearablespace.tumblr.com/)

**Wearable Space @ Pinterest**

[pinterest.com/wearable-space/](http://pinterest.com/wearable-space/)



WEARABLE SPACE

ORGANIZATION  
#tools|communication



**LA.BO works//BLOG**

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[pinterest.com/wearable-space/](http://pinterest.com/wearable-space/)

WEARABLE SPACE

brief day#1 day#2 day#3 day#4 ingredients LA.BO.works

HOME →



1 week ago  
● brief



# ORGANIZATION

## #tools|communication



**LA.BO works//BLOG**

[laboworks.org/](http://laboworks.org/)

**LA.BO works//FACEBOOK**

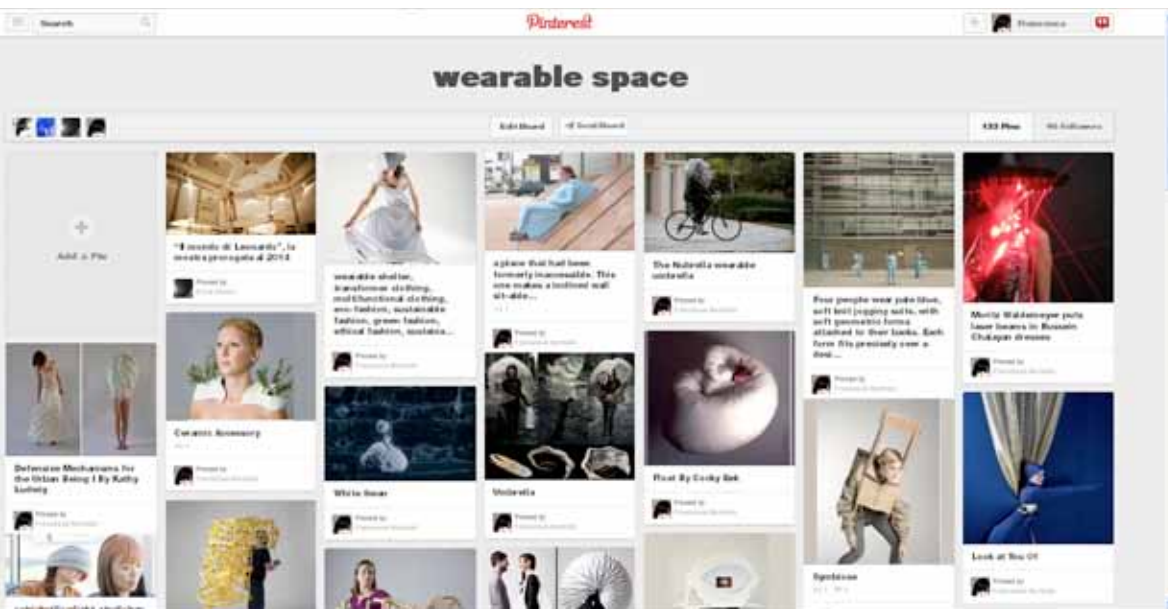
[www.facebook.com/Laboworks](http://www.facebook.com/Laboworks)

**LA.BO works//TUMBLR**

[wearablespace.tumblr.com/](http://wearablespace.tumblr.com/)

**Wearable Space @ Pinterest**

[pinterest.com/wearable-space/](http://pinterest.com/wearable-space/)



# WEARABLE SPACE