

# ECHOES IN SPACE

the entanglement of space and being  
- an exploration

This project is an exploration of the entanglement between space and being.

It starts from the phenomenon of 'echoes in space' (*which present as the power or even soul of space*), adopts various approaches to understand what it is, how it influences or is influenced. Through which question or deepen my perspectives of space and design.

An anatomizing access would get through as below:

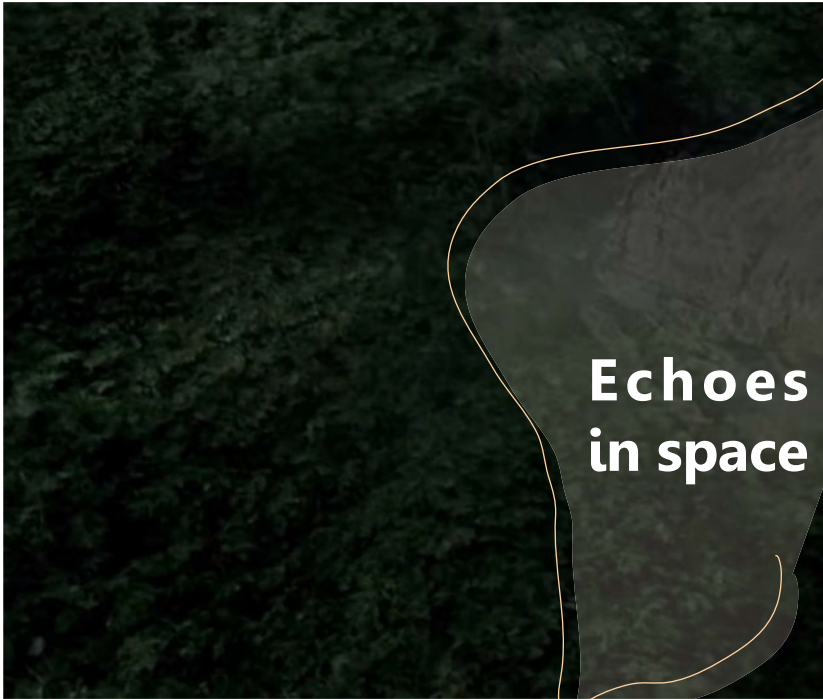
- what is spacial echo (phenomenon, influence, structure) ;
- how does space work as a factor ;
- what's the relationship between being and this process ;
- how would/could it influence space.

Cross-filed tools would be applied, while writing, would be a vital one throughout.

It came up from the doubts of the existing architecture methodology, which holds belief of full-control of space, in conflict with the widely claim of proactive Being.

Not aiming for achieving a pro-set target, it's rather a probing in a misty field. Would be a significant start for myself.

*Essentially, it's an expression of the care for the complex interactive process of being.*



# Echoes in space

*The entanglement of time, space and being  
- an exploration*

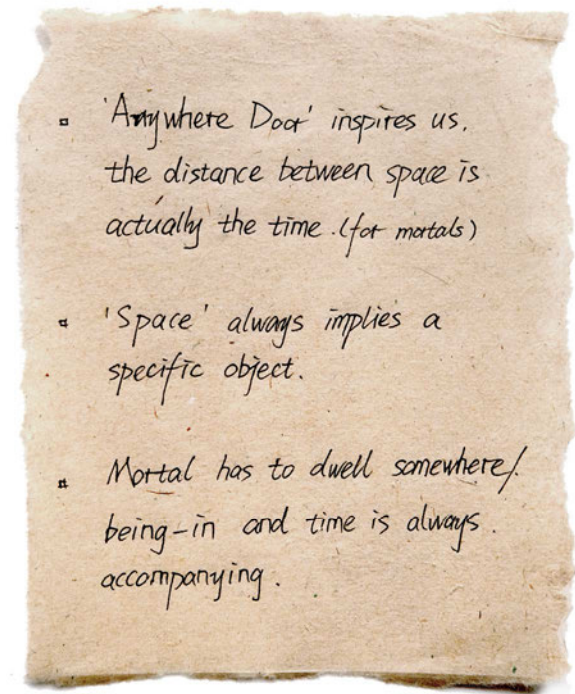
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Program introduction

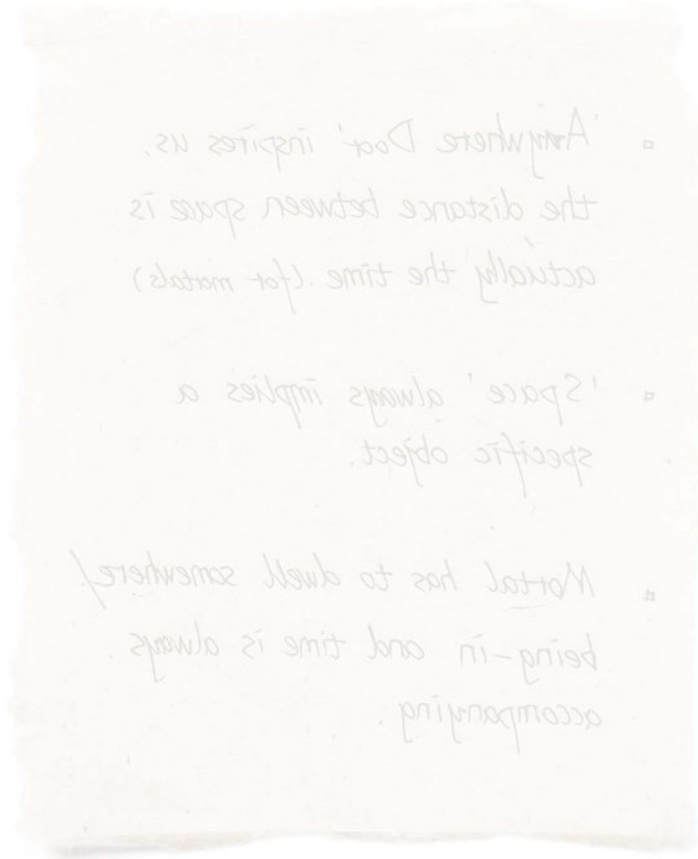
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DIPLOMA 2020



Being, is the trace of substance in space-time.

PREFACE



**ABSTRACT:**

How could space, time and human-being affect each other?  
Specifically, how does 'echos in space', as the con-  
production of time, space and its human subjects,  
pragmatically work?  
Could this process feedback to design, as one of  
the tools?

This project starts from looking into the existing  
perspectives of space, time and being, with the  
attempt to understand the complexed relationship  
and interaction among.  
It would take echo as one phenomena and research  
what it could be, what it relates to, how it's shaped  
by different factor, and how it impact 'being' in  
space.  
Shortly, how echo becomes the power or even soul  
of space.  
( If there's any possibility, how to take it as a  
designing tool would also be part of the research. )

It's not for achieving a pro-set target, but rather  
a probing in this misty yet significant field.  
Essentially, it's an expression of the care for the  
self-determining/interactive process of being.

## RELATED THEORY

**SPACE** Socrates' Physics of Aristotle, Newton's absolute-space, spacetime, being and circumspective concern, range, ownership, intimate sphere

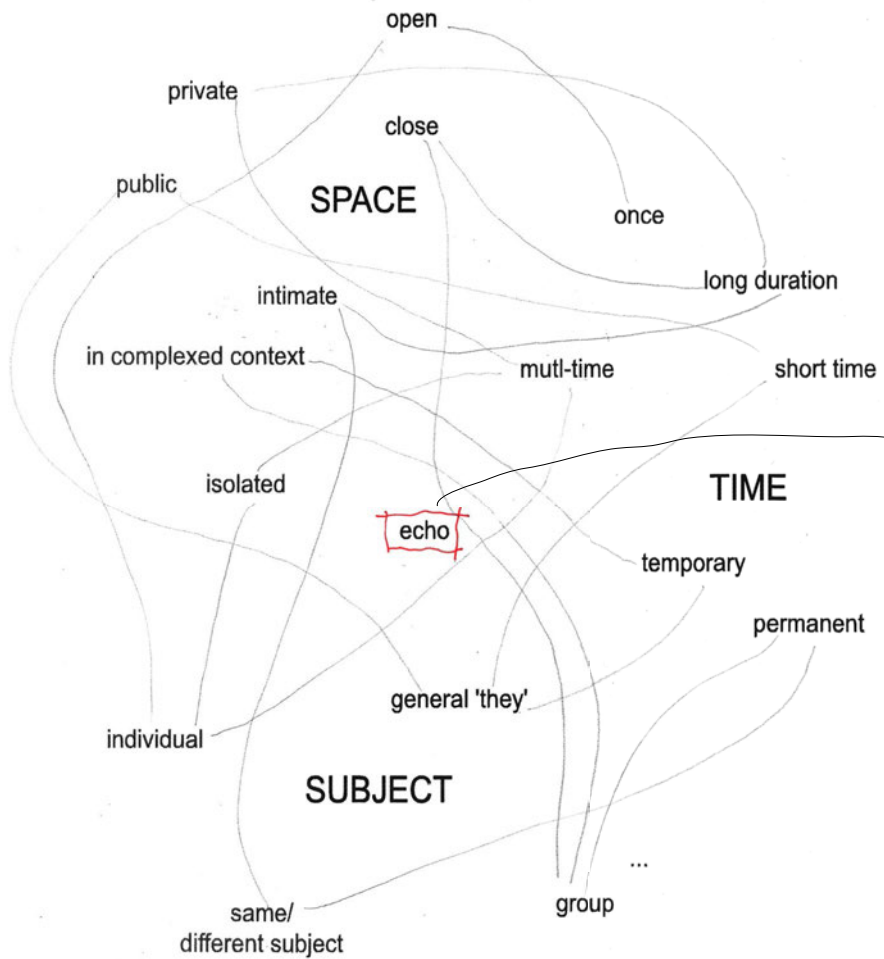
**TIME** Religion, Newton's absolute-time, the arrow of time, asymmetry simultaneity, relativity, relative-time, quantum theory, causal relationship

**BEING** Ontology, vitalism, Husserl, phenomenology, Kant, Hegel, Heidegger's time and being, existentialism, Sartre

SPACE, TIME, BEING



*my Perspective*  
GRAPHIC



POSSIBILITIES

### space

-has it's own surringdings,  
what it offer to the 'circumspective  
concern' deside the range/field,  
it bears the echo

### time

-is subjective,  
but could objectively show the causal  
relationship within certain range.  
(subject, place, range)

echo - ?

TOPIC

substance?

recreate?

repeating?

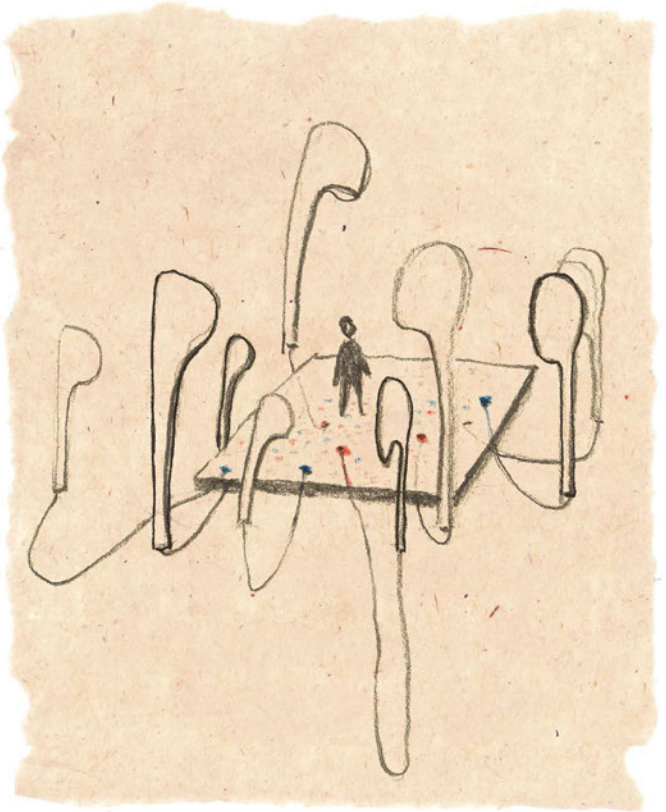
remembering?

## ECHO

overlapping?

sound? or also views, scenes, emotions?

power of the place?



inspired by [the Merry-Go-Round, 2019, Nadim Karam]

Echo ?

## TOOLS

Reading (philosophy and science)  
Literature  
Film  
Interview  
Test  
Record/Filming  
Art, methods for visualizing the mind  
Modeling  
Writing  
...

CROSS-FIELD ACCESS

## PLANNED APPROACH

- week 1-6** i  
**RELATED FIELD**  
space, time, and being  
through reading (especially philosophy)
- week 7-10** ii  
**ECHO-WHAT**  
what it normally refers to  
what it could be  
through literature, film, art, interview
- week 11-14** iii  
**ECHO-HOW**  
how it's formed  
how it could impact  
through test, record, writing
- week 15-18** iv  
**SPACE-HOW**  
how it work for creating echo  
how it work as an intermedia  
through reading, writing, analysis
- week 19-20** v  
**BEING**  
what kind of role being plays in this process  
through writing, testing, interview
- week 20-23** vi  
**HOW** (unconfirmed)  
how could we form a space through  
inviting/creating/interacting with echo  
through writing, graphic, modeling or firming



## BACKGRUOND & INTENTION

Space, time, being, such basic words. And if we want to talk about any one of them, we have to face the complicated entanglement among all the three. Numbers of philosophers so as scientists have already been trying, along with the effect to figure out the nature of each.

Probably because the complication is such confusing that in architecture, we much prefer to simplify everything into clear concept in a setting hypothesis. Which is operation-friendly and logically perfect. We turn eyes away from the fact that architecture is virtually in the present of this complex at any time, since it would preclude our constant dream of creating a 'perfect', 'permanent' work. Sometimes, we also conduct related surveys and do causality analysis specially on historic preservation field. But still, it never feedbacks to the designing process.

Discussing space without time and being means the talking 'truth' everything relying on is just an assumption, and what you delicately organize would merely (if not never) be what it meant to be.

It's such a puzzle but important to at least face towards it, get little bit closer, and learn little bit more about it. That's the intention for this program and I confirm that it's a valuable start for myself.

# CV

## EXPERIENCE

**BACHELOR OF ARCHITECTURE, 5 YEAR (2012-2015)**  
(Guangdong University of Technology, Guangzhou, China)  
GPA: 86.76%      RANKING: 2/96

**ERASMUS SUMMER SCHOOL (2017)**  
(Bergen, Norway)

**MASTER OF ARCHITECTURE, 2 YEAR (2017-2020)**  
(Bergen Architecture School, Bergen, Norway)

**INTERN/JOB (2019)**  
(RCR Arquitectes, Spain)

### Joining courses-master

SEMESTER 1 : Unproductive landscape  
SEMESTER 2 : Co-housing  
SEMESTER 3 : Complex context

### Joining projects

2016-2017 : (private project)  
House reconstruction, mainland of China  
2019 : (company projects)  
Lushan Manor, mainland of China  
Kyoto Imperial Hotel, closed competition, Japan  
Malecaze house extension, France  
Brugge Museum, competition, Belgium  
Barcelona Airport Terminal Extension, competition, Spain  
Gym of Taiwan campus, China

## SKILLS

### SOFTWARE :

Rhino: excellent  
AutoCAD: basic  
ArchiCAD: basic  
Vray-Render: good  
Photoshop: excellent  
Indesign: good  
Adobe Illustrator: good  
Adobe Premiere: basic

### LANGUAGE :

Mandarin: Excellent  
Chaoshan Dialect: Native  
Cantonese: Good  
English: Good  
Norwegian: Learning

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