

25.10.2024

Copenhagen, Denmark

DESIGNING FOR EARTH, ON MARS

**DEMATSIGN
TERS'24**

Alicia Shao

Futurist. Designer.
Educator.





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External Lecturer @ KISD & L'Ecole de Design
Nantes Atlantique

Earth-Mars Ambassador

WELCOME
TO MARS



WHY
MARS?

**BUT
HOW?**

WHAT IF?

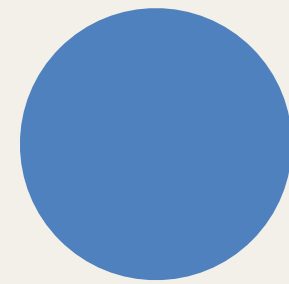


VOLATILE

UNCERTAIN

COMPLEX

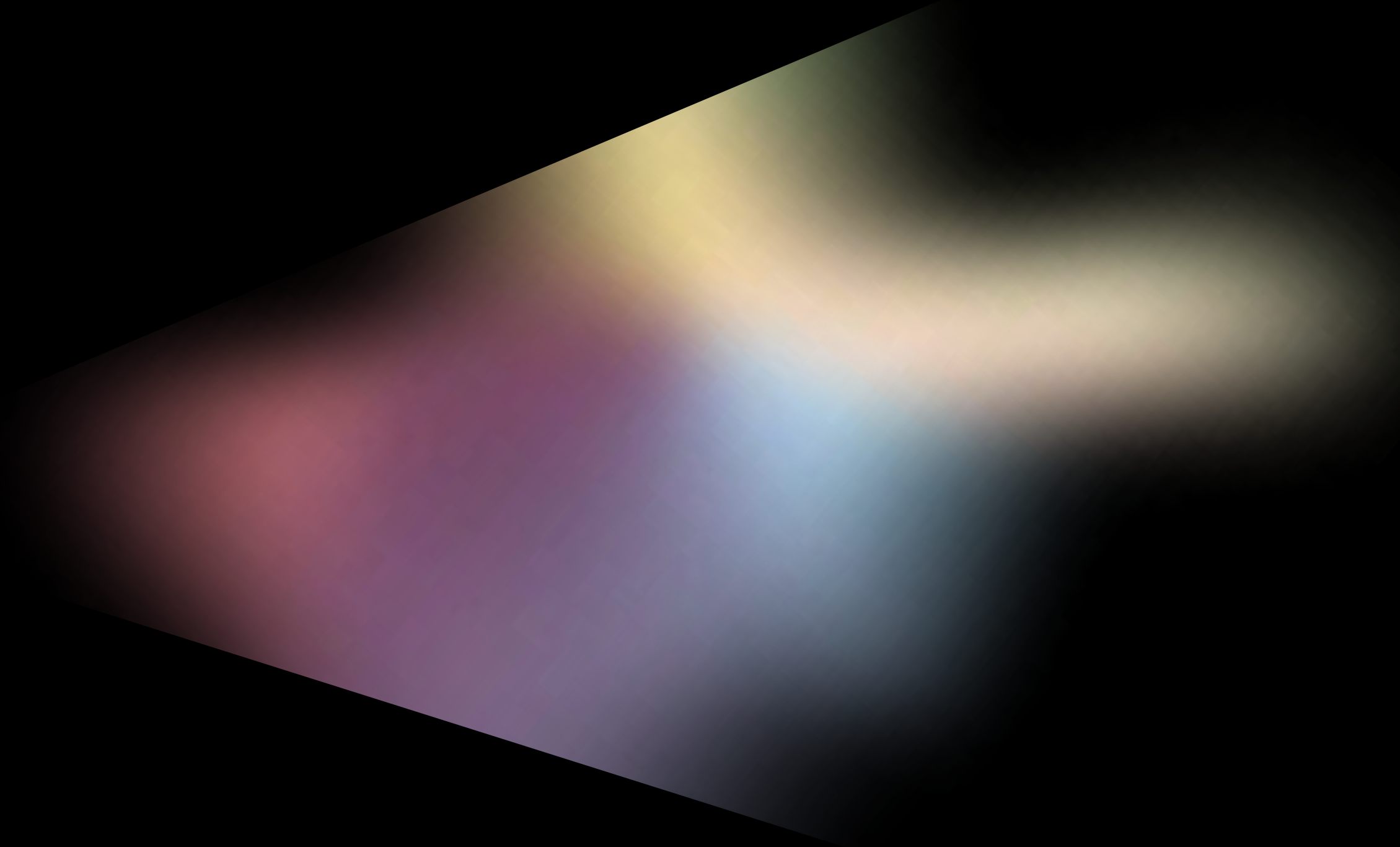
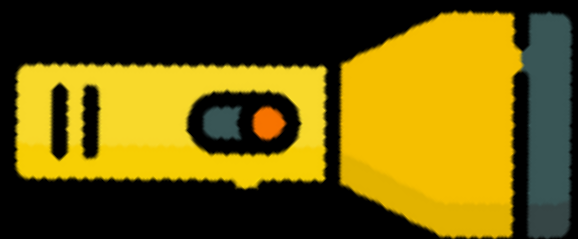
AMBIGUOUS



Now



Future



**BETTER TO BE
IMAGINATIVE
THAN RIGHT.**

SEEING FUTURE
THROUGH TIME,
EMPATHY, AND
POLITICS



**Ministry of
Agriculture,
Terraforming and**



**Ministry of
Community and
Connectivity**



**Ministry of
People and
Planet Health**



**Ministry of
Population
Control**



**Ministry of
Public**



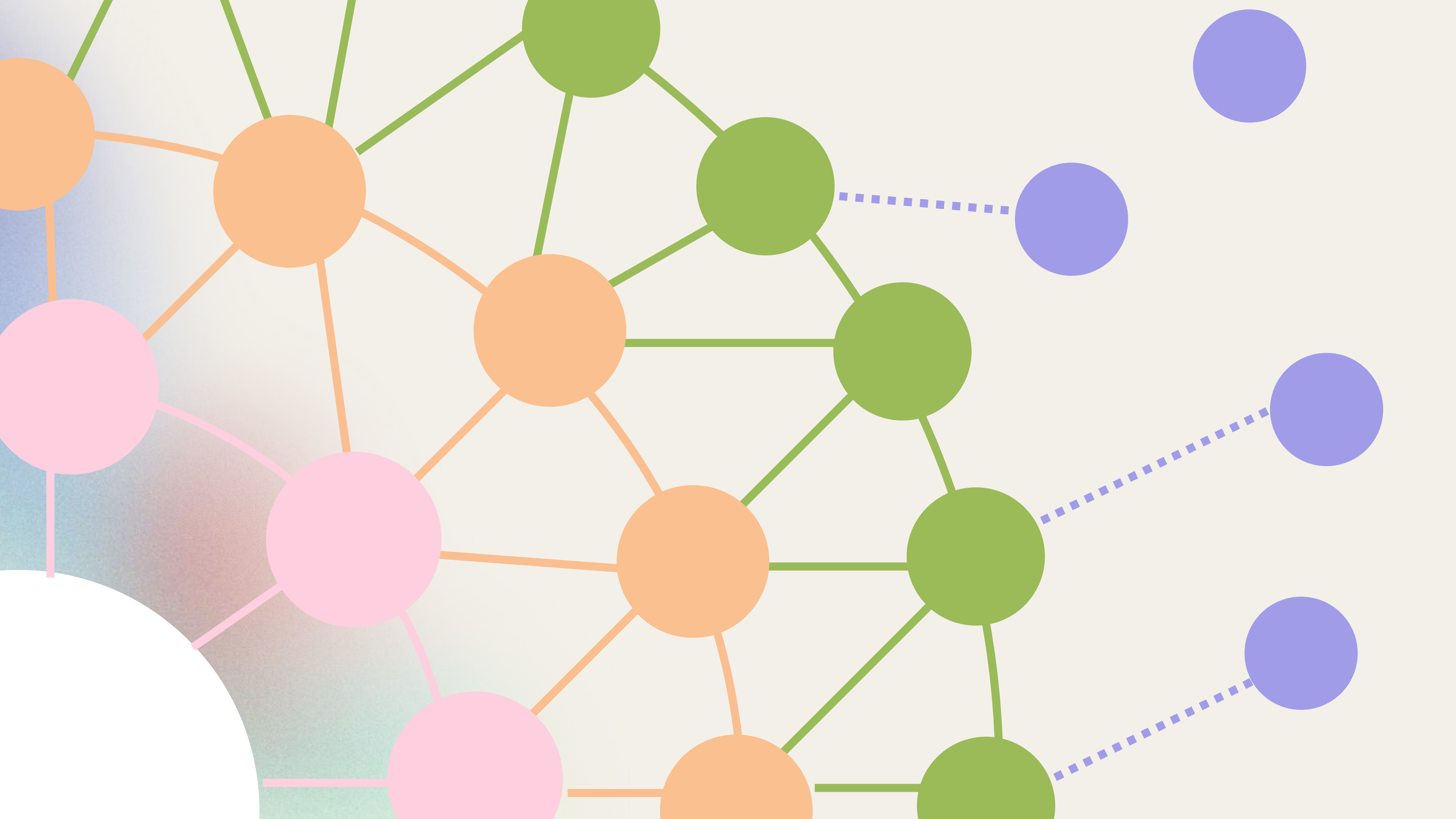
**Ministry of
Education**



**Ministry of
Remembrance and**



FUTURE IS
CHANGE RIPPLING
THROUGH A
SYSTEM



SIGNALS (n.)

what might later become trends in their earliest stage of development as emerging issues

New Zealand is spending \$4 million to help teens recover from breakups

By Tara Subramaniam, CNN
Published 4:17 AM EDT, Thu March 23, 2023



#nltimes.nl

Festival goers planning to use more drugs to save costs on food, drinks

Nineteen percent of festival goers expect to use more drugs than usual this season due to the increased ticket prices, EenVandaag reports after surveying its youth panel. "For 20 euros, you have an ecstasy pill and a whole day of water at a festival."



www.wired.co.uk

What's wrong with eating people?

You could soon be dining on grown celebrity canapés, seasoned chunks of your... But is the world ready for synthesised cannibalism?



Keke Palmer is using a childbirth simulator on The Sims to prepare for motherhood

She describes the experience as "realistic"

BY JADE BIGGS PUBLISHED: 07 FEBRUARY 2023

LITANY

The official description of the problem. Externalized reality. Often disconnected to other perspectives. Usually a repeated newspaper headline.

SYSTEMATIC CAUSE

Often short term analysis, either single or multivariable. Historical variables are explored. Policy

WORLDVIEW

Discerning deeper assumptions behind the problem. Important to understand the issues from multiple worldviews. Critical

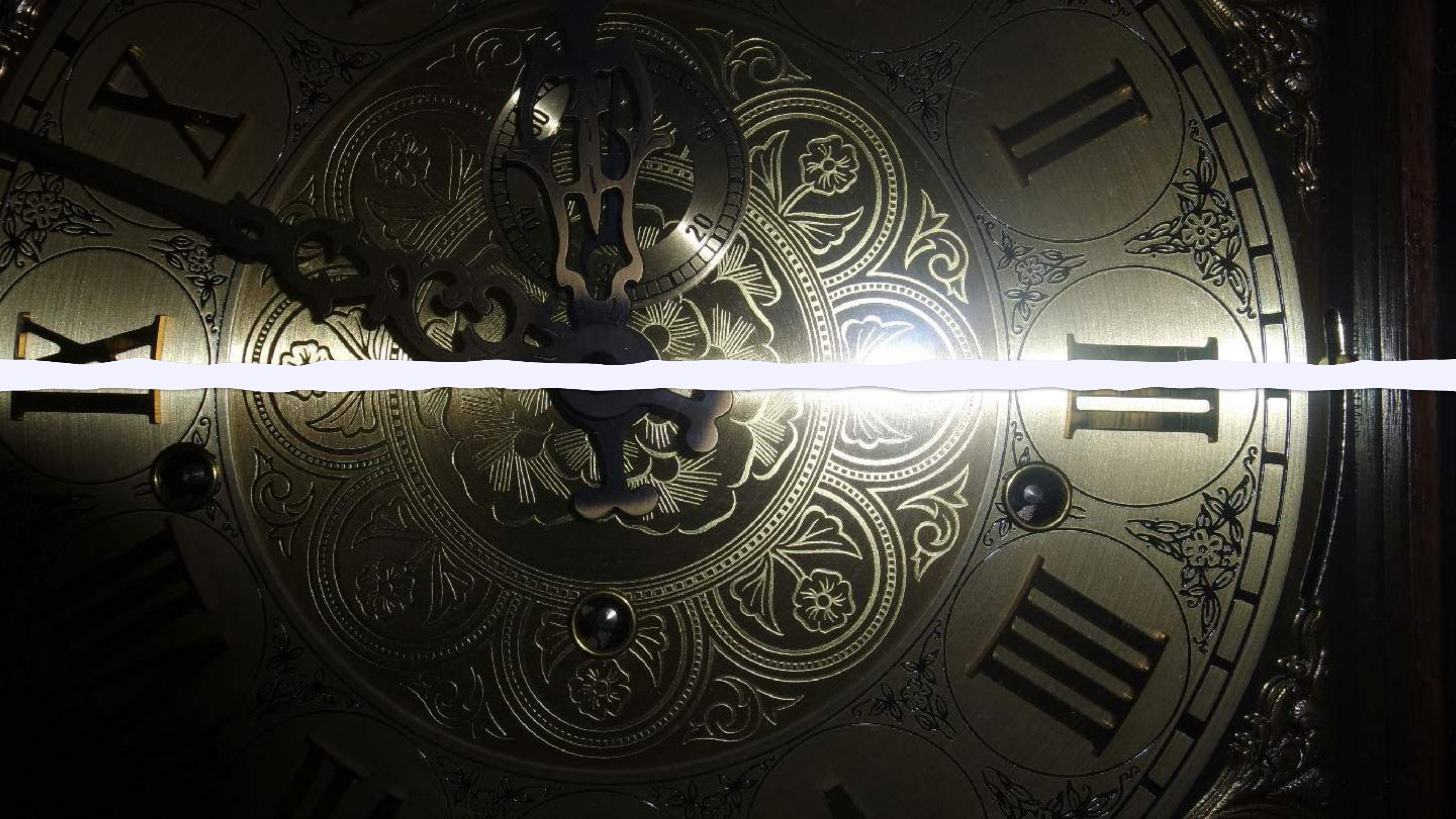
MYTH & METAPHOR

Deep stories, unconscious dimension of the problem. Inner transformation is required here. Solutions emerge from new

DREAM

NEW

DREAMS





TEMPORAL DISSONANCE

“Time is now a currency: It is not passed, but spent.”

**TIME IS
MONEY**

WHAT IF?

The Ministry of People & Planet Health is responsible for ensuring the well-being of the people's settlement on the planet Mars as well as ensuring the well-being of the planet Mars itself. People's health depends on the planet's health - that's why planet health is equally important as people's health.

At the Ministry of People & Planet's Health we ensure that your health is cared properly for - from birth to way after your consciousness has left your Martian remains behind.

We have adjusted the hostile environment to fit the needs of human life. However, now it is our duty more than ever to not forget that we are living at mercy of our planet, and we must not exceed its resources.

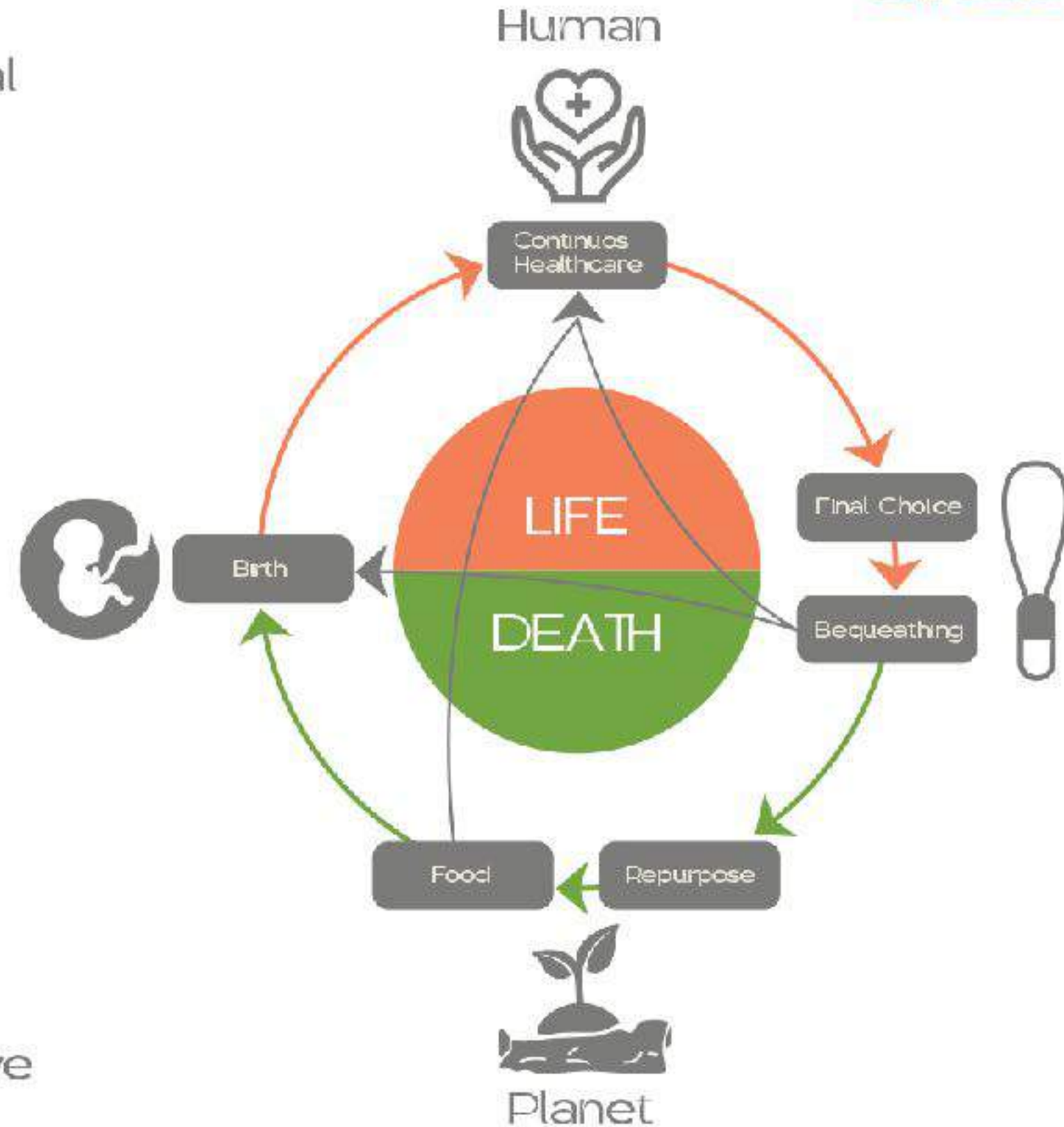
The Ministry mainly focuses on the process of adjusting the hostile Martian environment to human life as well as adjust-

Planet Health is equally important as People Health

Ego Individual



Collective Selfless



The Closed Circle Policy

Student group: Andre Freiha, Emilie Starch, Youjin Kim

LIVING IN WIDTH

INTENSITY



MILESTONES

FIRST TIMES

SPECIAL DAYS

OCCASIONS

Sep

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

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ROUTINES

Gioia Arieti
wide-time.com/


RATIONAL ?




EXTEND EMPATHY TOWARDS THE FUTURE



**Beyond ourselves to
listen to other's stories**



**Beyond our species to
give a voice to those
without**

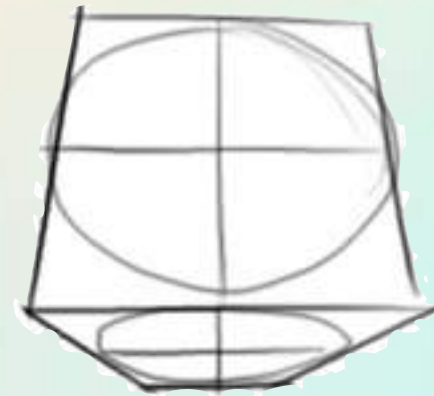
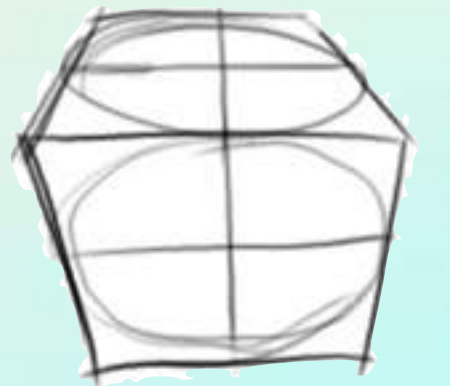
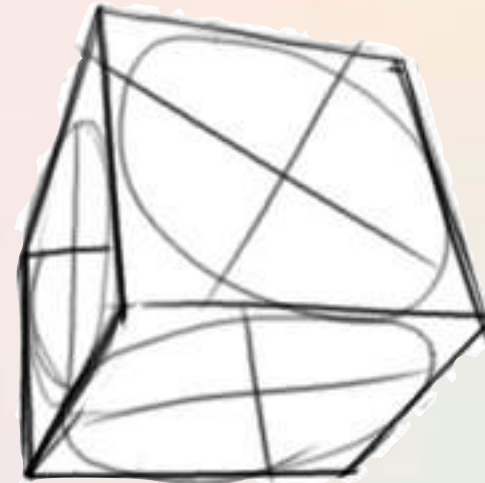
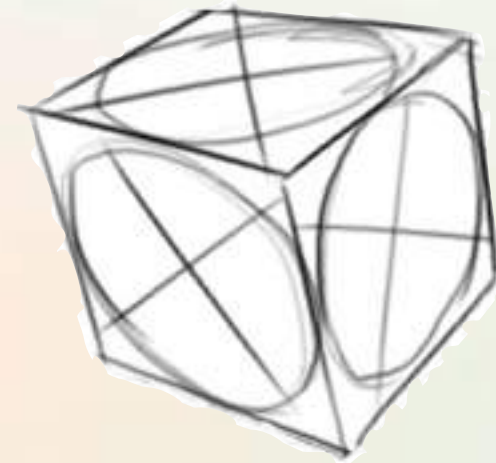
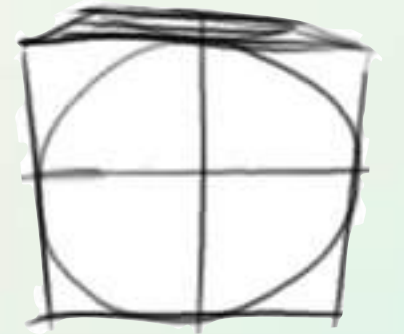
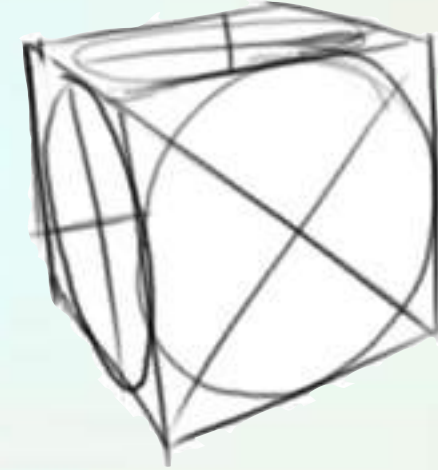
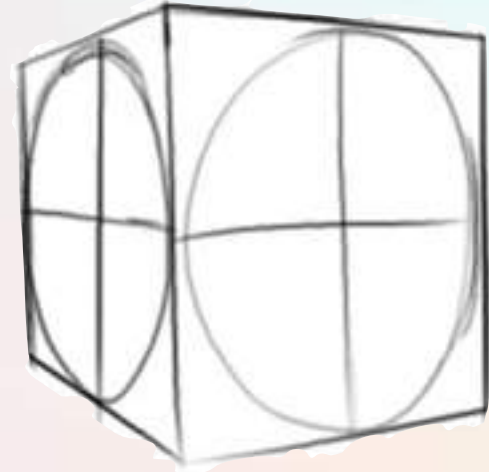
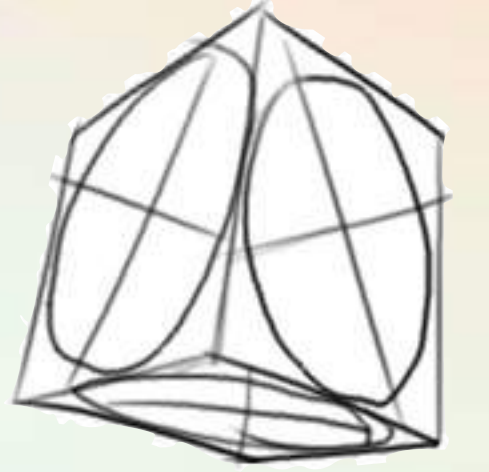
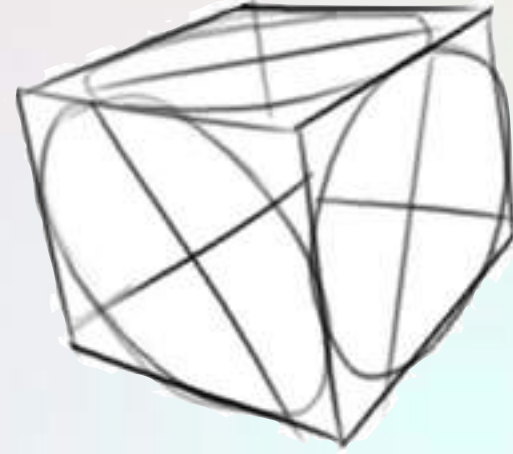
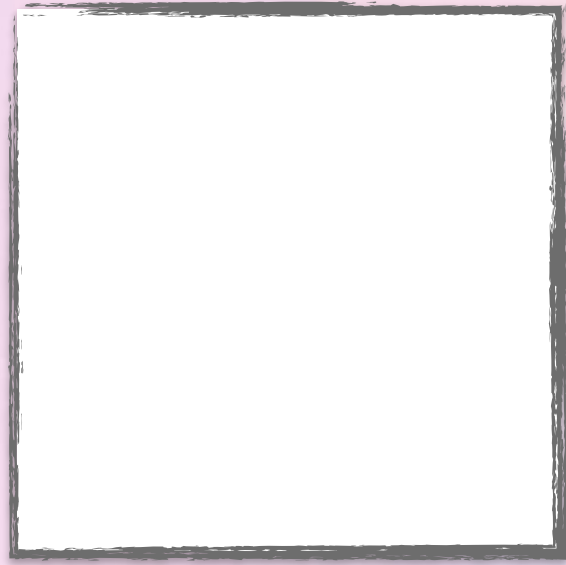


**Beyond our temporality to
design for systems that
will exist without us**

**The Paradox of
Empathising
with People who
don't yet Exist**

RADICAL EMPATHY

The ability to extend compassion and understanding toward people who do not yet exist, or may never exist.







MARS DIARY

Why are we still so affected by extreme weather? Why isn't technology advanced enough to control the temperature on Mars? I saw on the News today that many transportation disruptions occurred and many people are suffering from the cold. The news called it "Inevitable circumstances" I sincerely believe the discomforts we humans face from the weather is a weakness that can be fixed. I was watching this video from xxmarseyes recently (The school banned this channel) about the sustainability department secretly imprisoning engineers for inventing a program that allows humans to control the weather; Persecuting them in the name of the Mars autonomy act. I believe they are doing this just because they want to control the population. It's like what Miss Hans mentioned in Earth history class where earth scientists invented a way that allows humans to live a longer life and their government destroyed all their scientific findings. Miss Hans speaks about this history so proudly. I think is sickening. I hate that I can't talk to my friends about this.

Juliette Tam



MARS DIARY

Dear Diary,

Today was special. It was a beautiful cold winter day and I was so excited when I got up this morning! Me and my family decided to go on a trip to a new dome nearby, and it was so nice. There really hasn't been anything like it on Mars before. The Ministry of Terraforming has outdone itself.

The nature is the most diverse I've ever seen, and as you know, I've been to many domes, but this one is different. From rivers to waterfalls to mountains, we saw it all. Not to mention all the different animals. There are several hiking trails through the landscape, which makes this dome a recreational area as well. But my highlight of the whole experience was when we were allowed to take some seeds home. Now we can have our own plants, isn't that great!

I hope we can come back soon, there is still so much to discover.



Lotta Hagedorn





Mars Diary

03I22025 sol

Today we received 49 requests for procreation. The evaluation The Committee for the Evaluation of Reproductive Suitability has always a lot of work to do. I bet that only 3 requests out of 49 will be accepted. It's hard work, but it's our duty to not overpopulate Mars. Also, the meeting for the campaign to adopt robot children went well. Now we need only hope that will be well received by the public.

Enrico Masiero



MARS DIARY

I woke up with a slight cough this morning so I couldn't report for work. I reported the sore throat to my supervisor, and I was working remote from the desk in my home unit. I did the required home tests, but I haven't gotten the green light result yet. I'm slightly nervous, usually it takes less than an hour if it's a not critical, known disease. It's probably fine, I always overreact with these things, but you hear rumours sometimes about unknown diseases, isolation, and long periods of testing and examinations. Isolation is what I would fear the most. Just this one day where I couldn't leave my unit, I already feel a little lost and stuck in my own mind. Perhaps that's why I decided to pick up the diary again. I don't really know what else to write, not much happened today because I was stuck here, and my mind is spiralling a bit about my test results... I will take a couple of the new mind calmers and try to get some rest now. Hopefully, they'll bring to a better place.

Emilie Starch Bendsen



We can not always approach the future rationally. It is our hopes, dreams, and fears that infuse the future with the warmth and humanity that make it worth imagining.

“ I was also able to connect this with other people... Each (assignment) becomes a person, and each time you sort through them, you hold that person’s voice in your hands. It is a very strange feeling, and I am unsure how to put it into words... A sense of “I am doing this for you. And for you. And for you.” And it is both humbling and a quiet kind of wonder. ”

Katrina Hoffmann

**THE FUTURE IS
ALWAYS
POLITICAL**

POLITICS (n.)

The relationships within a group or organization that allow particular people to have power over others.

“ Everyone designs who
devises courses of action
aimed at changing existing
situations into preferred ones.

”

**“ Design is the
first signal of
human intention. ”**

William McDonough.

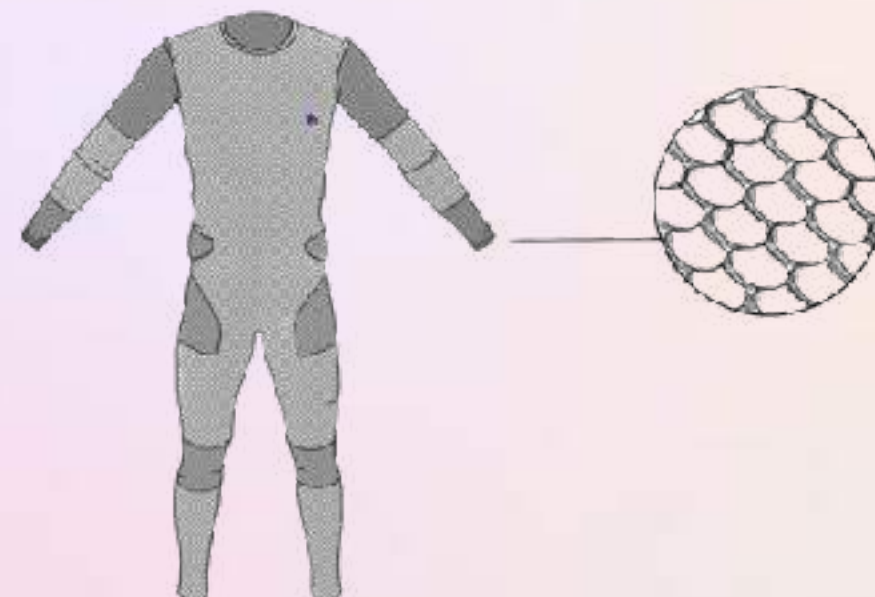
THINGS FROM MARS



Enrico Masiero, Manuel Meyer, Paul Meierkord, Gardy Wu

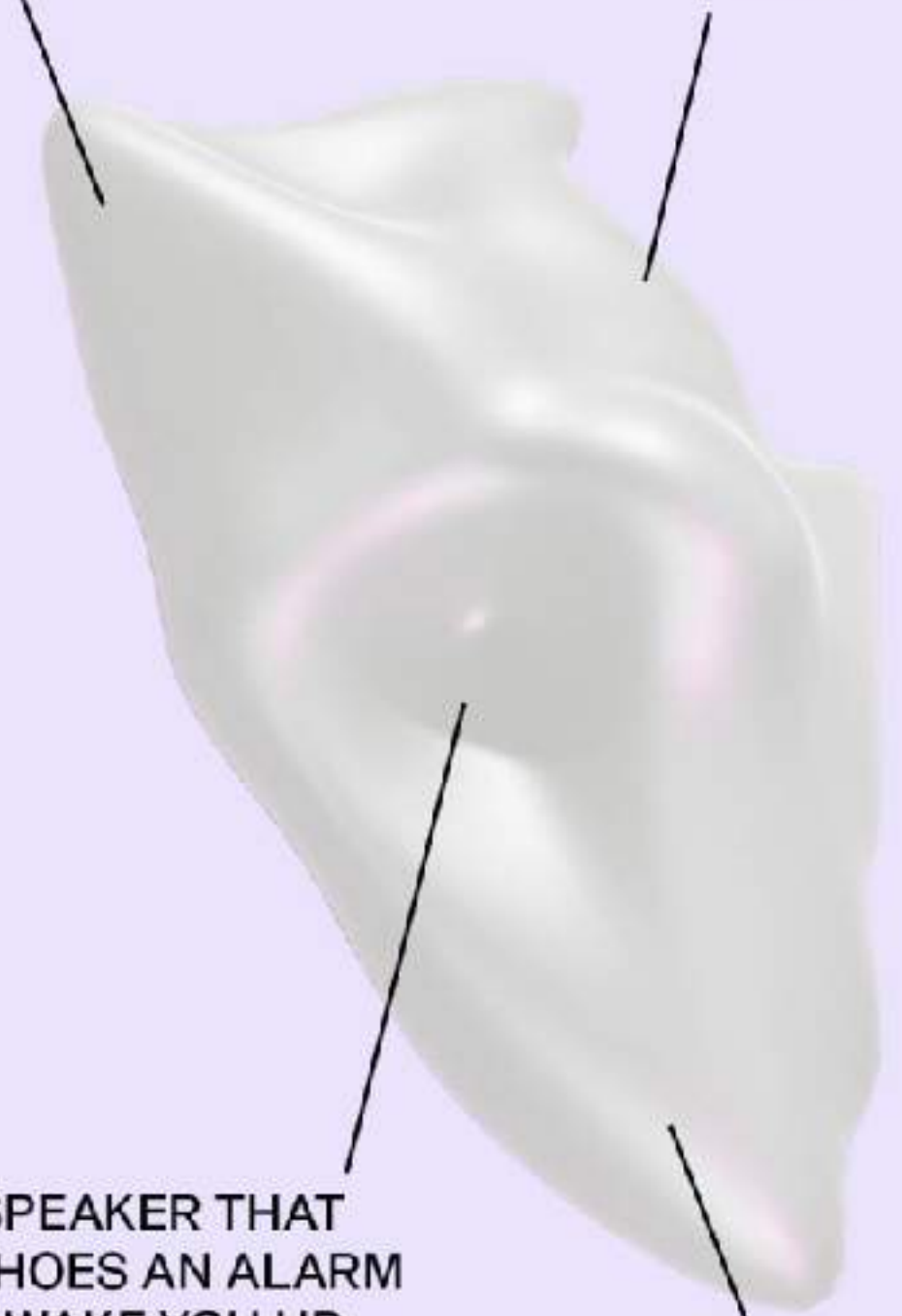


Ayça Güler, Tyanka Adrian, Betty Tang



TEXTILE THAT CARRIES SCENT

FLEXIBLE MATERIAL THAT ALLOWS THE SHAPE TO ALTER BETWEEN SOFT CURVES AND POINTY SPIKES



A SPEAKER THAT ECHOES AN ALARM TO WAKE YOU UP


SENSORS THAT TRACK THE BLOOD FLOW IN JUGULAR VEINS

Heini Hoskari, Mark Hei Ching Lo, Clemens Heiermann



Heriloom ID: Cassia


Jane Heinsberg



2110 2212
Natural Causes

What's life? I have had my ups and downs that is for sure. But what would've been expected of a 112. I was lucky enough to have a peaceful life. When I look at my grand children, I can not help but to feel a sense of fulfillment. If I could have one more wish that I could hand down to them, it would be to not be afraid to take a chance. Tell that person you love them, take that trip to work if you ever get the chance. And try to live with kindness and respect towards one another. In the end, it is mutual respect that brings us love and I love all of you time.

Carl Muntre




2374-2610
Fatal Accident

These days I often think about death. It scares me a bit because I guess the deathly urban landscape beyond our windows and suburbs sometimes get to you, you know. Though to a certain degree, a fear of death is probably just human. Perhaps we wouldn't have come this far if we weren't afraid of death. But I found that if you let that fear paralyze you, you end up in a state worse than death. You might as well lie down in your own coffin and wait for the end. I'm quite happy for my life and if I had to go tomorrow I wouldn't have any regrets.

If something were to happen to me please tell my wife and children that they are the best thing that has happened to me. I would want them to live their best lives and not to be sad. I wish my success all the best in this world of ours.

Dr. Richard Mann



2289 2371
Heriloom

I have lived a good life. Full of joy, exploration and wonder. But I feel like it is my time to move on. I go in peacefully and calmly, on my own terms. Who knows what lies ahead, but sometimes I feel like I don't see the very distant or more for too long in the end, was it not us humans who pulled death into existence by giving it a name and a scary association?

I have had my Aortic aneurysm during which I looked at this pill in my hand more than once. In those who are going through something similar I can say that you are not alone. I am glad I was laid out to people during these times. More than we might think we have people around us who are glad to help us back up. We did not choose to be alive, but here we are for some reason.



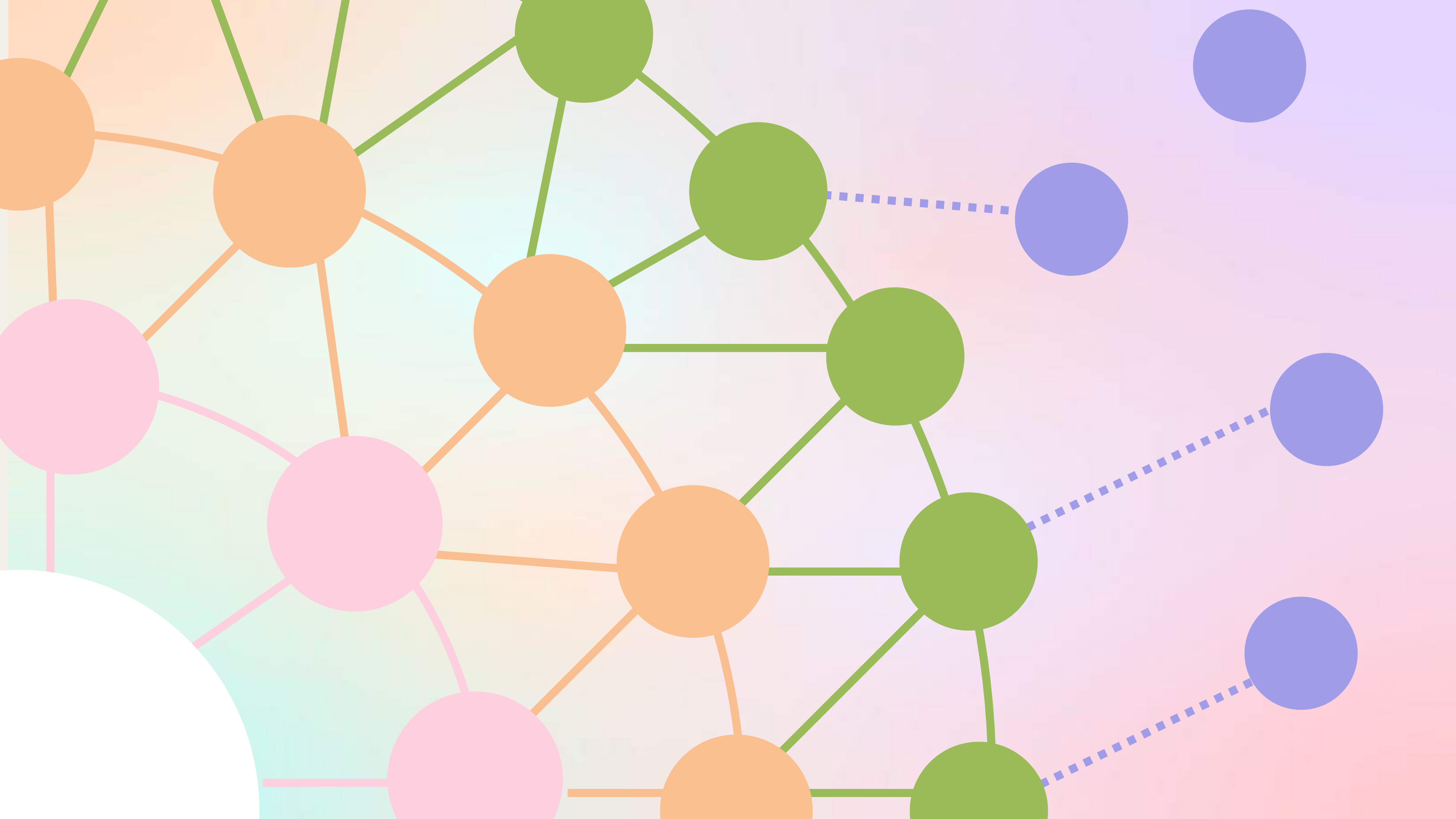
Student group: Andre Freiha, Emilie Starch, Youjin Kim

Designing for the
future is not just a
creative
challenge.

It is a political



Source: Stuart Candy / Hawaii Research Center for Futures Studies 2006. Photos: Cyrus Camp



FUTURE LITERACY (n.)

It is the skill that allows people to better understand the role of the future in what they see and do.

YOUNG
DESIGNER'S
MANIFESTO TO
DESIGNING FOR
THE FUTURE



DESIGNING FOR THE FUTURE OF EARTH

DESIGNING FOR THE FUTURE OF EARTH

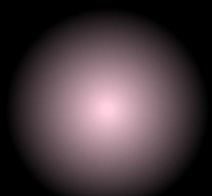


**Confront our temporal
dissonance to design holistic
and sustainable futures**

DESIGNING FOR THE FUTURE OF EARTH



**Confront our temporal
dissonance to design holistic
and sustainable futures**



**Engage in radical empathy to
design future humanely and
thoughtfully**

DESIGNING FOR THE FUTURE OF EARTH

● **Confront our temporal dissonance to design holistic and sustainable futures**

● **Engage in radical empathy to design future humanely and thoughtfully**

● **Recognise the political power of every design decision in shaping our future**

**How optimistic do you
feel about the next 10
years?**

**How much power do you
think you have in shaping
the next 10 years?**

Before

How optimistic do you feel about the next 10 years?

44%

How much power do you think you have in shaping the next 10 years?

47%

Before

After

How optimistic do you feel about the next 10 years?

44%

66%

How much power do you think you have in shaping the next 10 years?

47%

64%

VOLATILE

UNCERTAIN

COMPLEX

AMBIGUOUS

GO BE
FUTURE
MAKERS.

HOPE TO SEE YOU IN
THE FUTURE.

ALICIA SHAO

Thinker. Speaker. Educator.

futureunfurled.com

