



DNA Course

The Antidisciplinary Approach
to the Modern World

Joi Ito

April 17, 2026



**Why are we
here?**



Today's Roadmap:

- Your Stories
- Where They Meet





多様性 vs 標準化



Neurodiversity

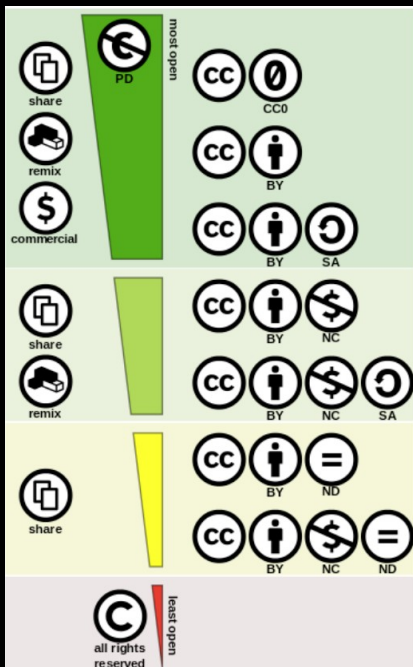
ニューロダイバーシティ



My Story: Community, Entrepreneurship, and Learning by Doing



The PSINet point of presence in my bathroom circa 1994



Creative Commons license spectrum.
Image by Shaddim via Wikimedia Commons.



Practice of Change PhD Thesis

The Principles

RESILIENCE
over strength.

PULL
over push.

Risk
over Safety.

SYSTEMS
over objects.

COMPASSES
over maps.

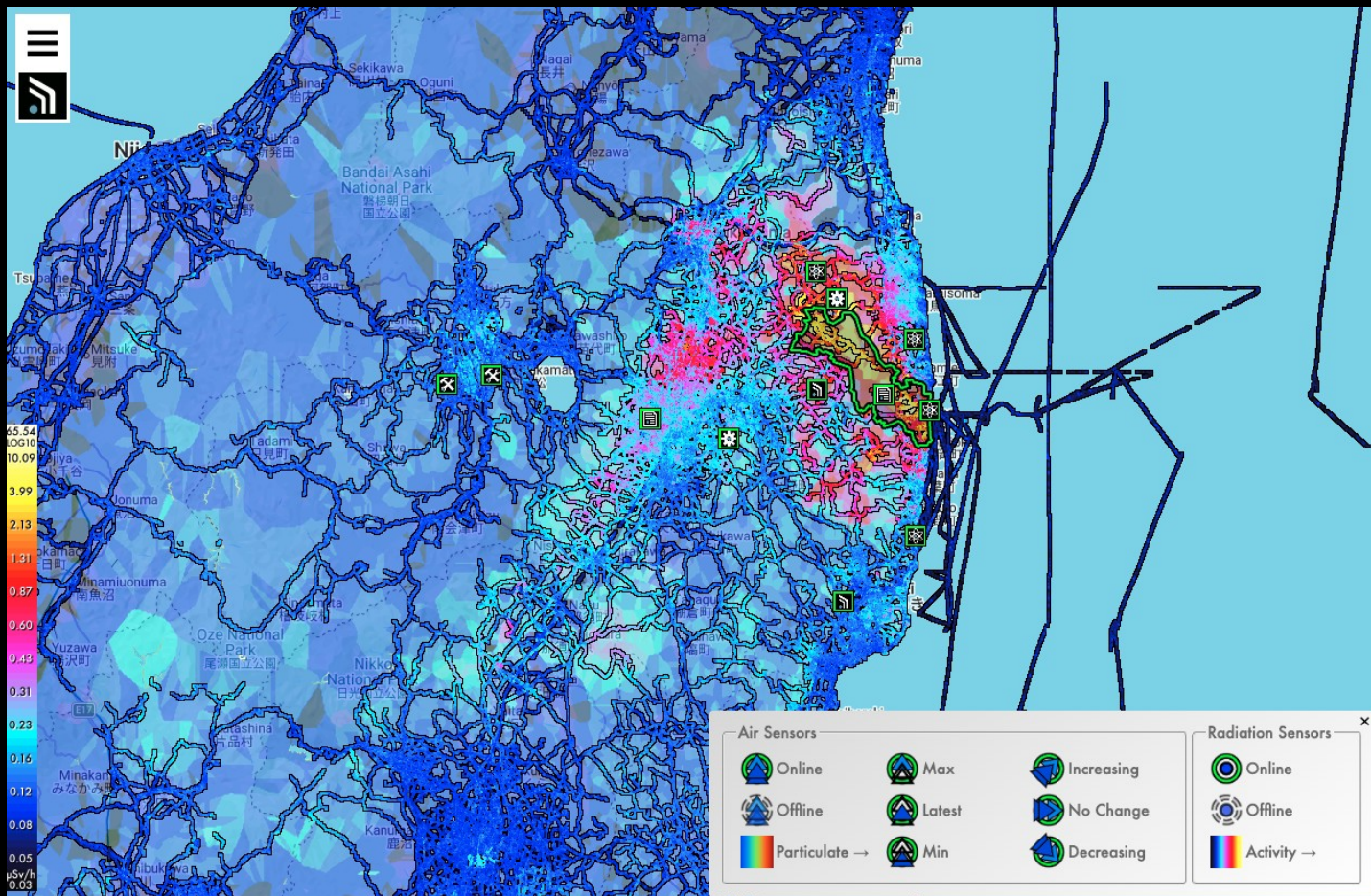
PRACTICE
over theory.

Disobedience
over compliance.

CROWDS
over experts.

LEARNING
over education.

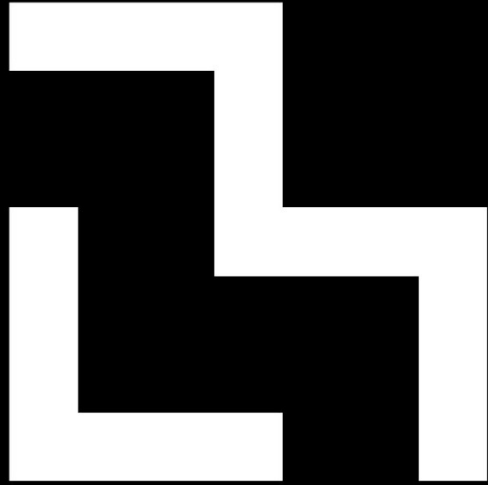
The Safecast Story: Bringing it all together





ChibaTech

School of Design & Science



**mit
media
lab**

Proposal to Add an Area of Concentration called:

Media Arts and Sciences

To the Department of Architecture's PhD Program in
Art, Architecture, and Environmental Studies

January 30, 1986

It is proposed to set up a new field of advanced study, to be called Media Arts and Sciences, in the Architecture Department. At present 15 doctoral students in Architecture are working in an experimental program at the Media Laboratory, under supervision of faculty members there. We believe that the nature of their work is sufficiently distinct to warrant creating a new field of study. The following text describes the overall five year plan for degrees in this area.

Professor Seymour Papert
Professor Nicholas Negroponte



DISOBEDIENCE





**H E N
K A K U**

**Henkaku
Center**

The Radical Transformation Award



The Henkaku Center at Chiba Tech is honored to announce that sound artist and performer Christine Sun Kim has been awarded the first-ever Radical Transformation Award (変革賞) at the 2025 Symposium on Design and Science!



ChibaTech

School of Design & Science

Chiba Tech



Chiba Tech Tsudanuma Campus

Corporate Reach

96% employment rate, strong relationships with Japanese companies through JPCCA and Chiba Tech

Scale

Chiba Tech has ~10,000 engineering students across undergraduate-PhD and vocational programs

Leadership Alignment

Chiba Tech leadership (President, Chairman) are on the same page (ex: AI transformation) so decisions are implemented quickly.



THE SCHOOL OF
**DESIGN +
SCIENCE**
AT CHIBA INSTITUTE OF TECHNOLOGY

LANDSCAPE MAPPING STUDY



SDS vs traditional institutions

Institutions that Certify

Credentialing

Compliance

Disciplinary boundaries

Students are passive recipients

Institutions that Learn

Following our curiosity

Comfortable with uncertainty

Solving real world problems

Antidisciplinary thinking

Students are co-designers

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over experts.

LEARNING
over education.

MODULAR
over monolithic.



What does success look like?

For you? For this group? For SDS?



Your Turn

1. Tell us about you, your background and how you got here
2. What problem or topic are you passionate about?
(does not have to be your research thesis)
3. Where have you felt constrained by conventional categories?



Break

The Principles



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**We are all part of the SDS
journey**



This Week:

Why are we here?

- The SDS story
- What we are trying to build
- The diversity of this group

Next Week:

How to connect the diverse experiences and interests in this room?

- Complex systems thinking
- Antidisciplinary learning