HUMAN FIRST INNOVATION:
FROM THEORY TO PRACTICE

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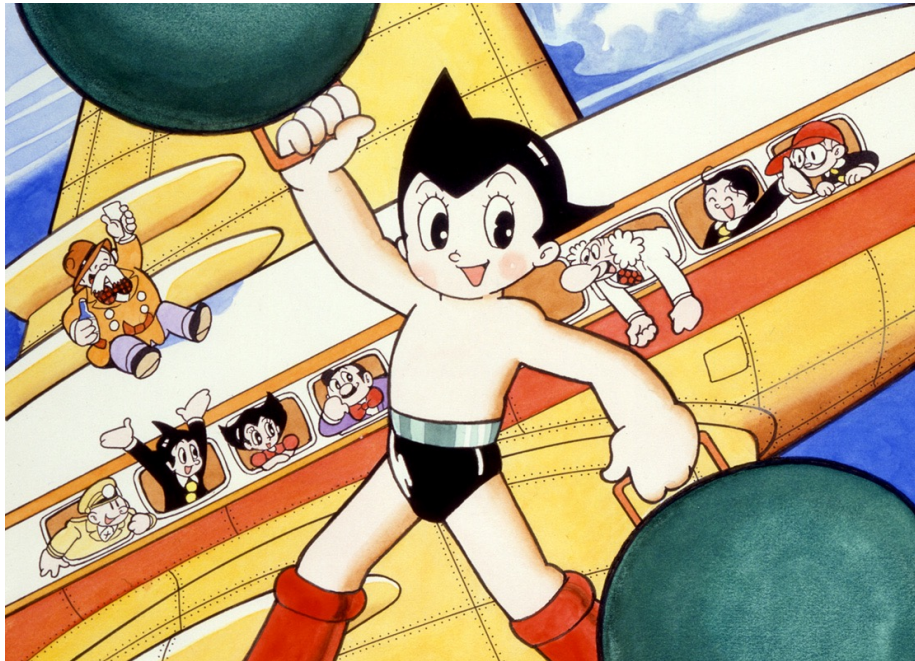ASSOCIATE FELLOW, CFI, UNIVERSITY OF CAMBRIDGE
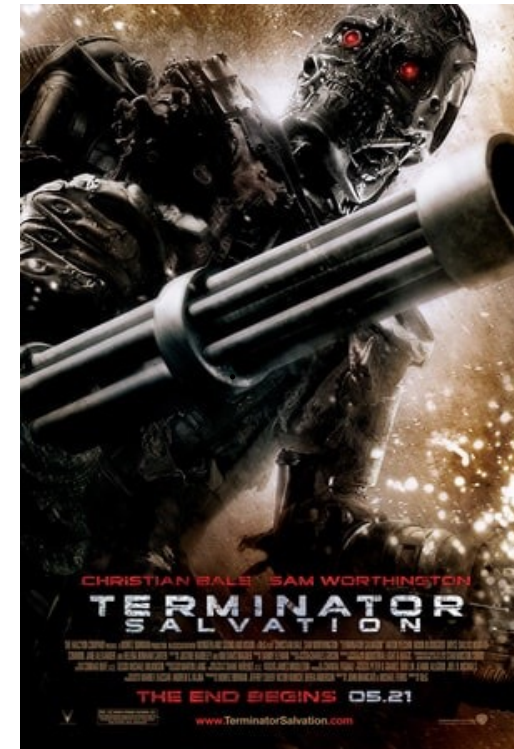
@"AI GOVERNANCE" YALE/GEORGETOWN, APRIL 8, 2022

AI NARRATIVES

JAPAN (UTOPIA)

WEST (DISTOPIA)

Opportunities   **Risks**

Sustainability   Chaos

Y_n

α_n
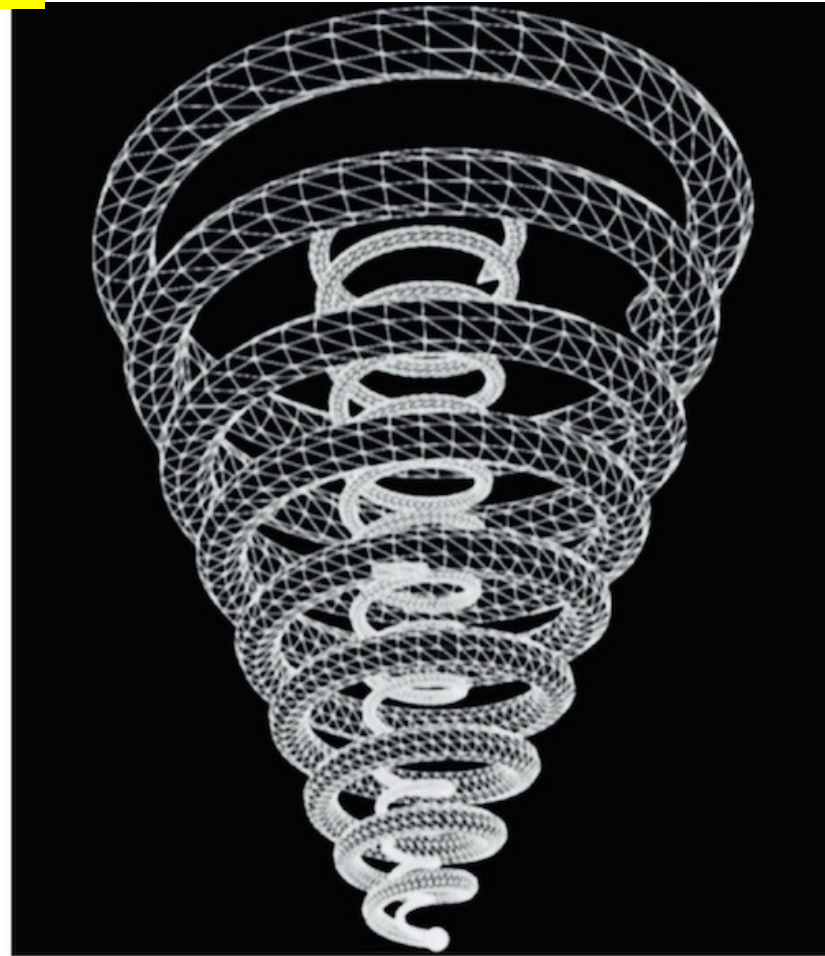
Diversity & Inclusion   Discrimination & Exclusion

Y_5
Y_4
Y_3
Y_2
Y_1
X_1

Self-creation   Identity crisis

β_n

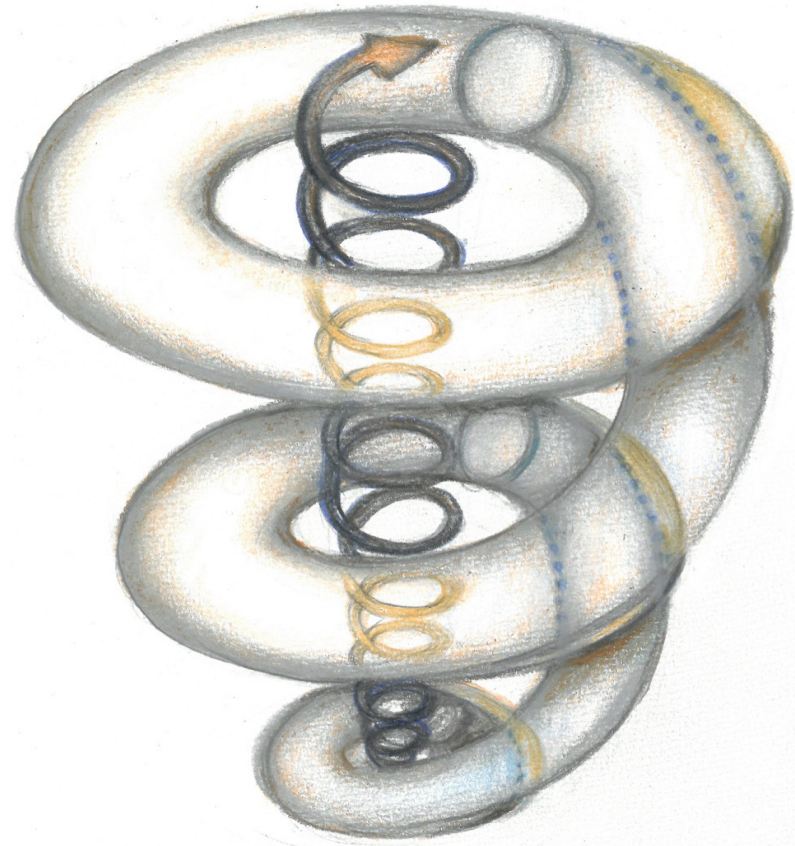X_n : 個人 (individuals) α_n : 力 (power)

Y_n : 社会集団 (social groups) β_n : 自己組織化 (self-organisation)

Z_n : 文化 (cultures)

Human First Innovation

The goal is to contribute towards a vision of a future where human happiness takes centre stage.

← **Human First**

← **Cross-disciplinary**

↑ **Self-creation**

The UN ITU "Ai for good" Global summit @Geneva, May 15-17, 2018

Image: https://www.un.org/sustainabledevelopment/news/communications-material/

HUMAN FIRST & CROSS-DISCIPLINARY INNOVATION
FROM AI FIRST TO HUMAN FIRST
FROM NATION FIRST TO HUMAN FIRST

1. "A FUTURE WITH AI" PROJECT (UN)

- **to deliver global voices of children and young people to the UN and other stakeholders as a response of the new UN strategy, #11 "listening to and work with" youth.**

- **the winners with the best ideas will be invited to speak at an online UN conference in 2022.**

Survey as an exercise in which youth can learn about AI, both opportunities and risks of AI and robots.

Imagination Challenges: "AI for Good", "Bad AI" and "the future of work".

Collective Statement by analyzing data from both surveys and imagination challenges.

Member checks: seeking confirmation from youth on the statement.

IMAGINATION CHALLENGES

1. AI for Good

Imagine the ideal future society where you want to live in 2050. Now choose one social issue which you need to solve in order to create your ideal society above (e.g. one of SDGs). Describe how you would use AI solve this issue.

2. Bad AI

Choose the biggest risks of AI in the future society 2050. Make your original AI Principles (you can look up the "Three Laws of Robotics"). Describe how everyone can adhere to your principles globally. Who should take the most important roles? Should the UN play a role? Or you can propose your own new communities or organizations, virtually and/or non-virtually.

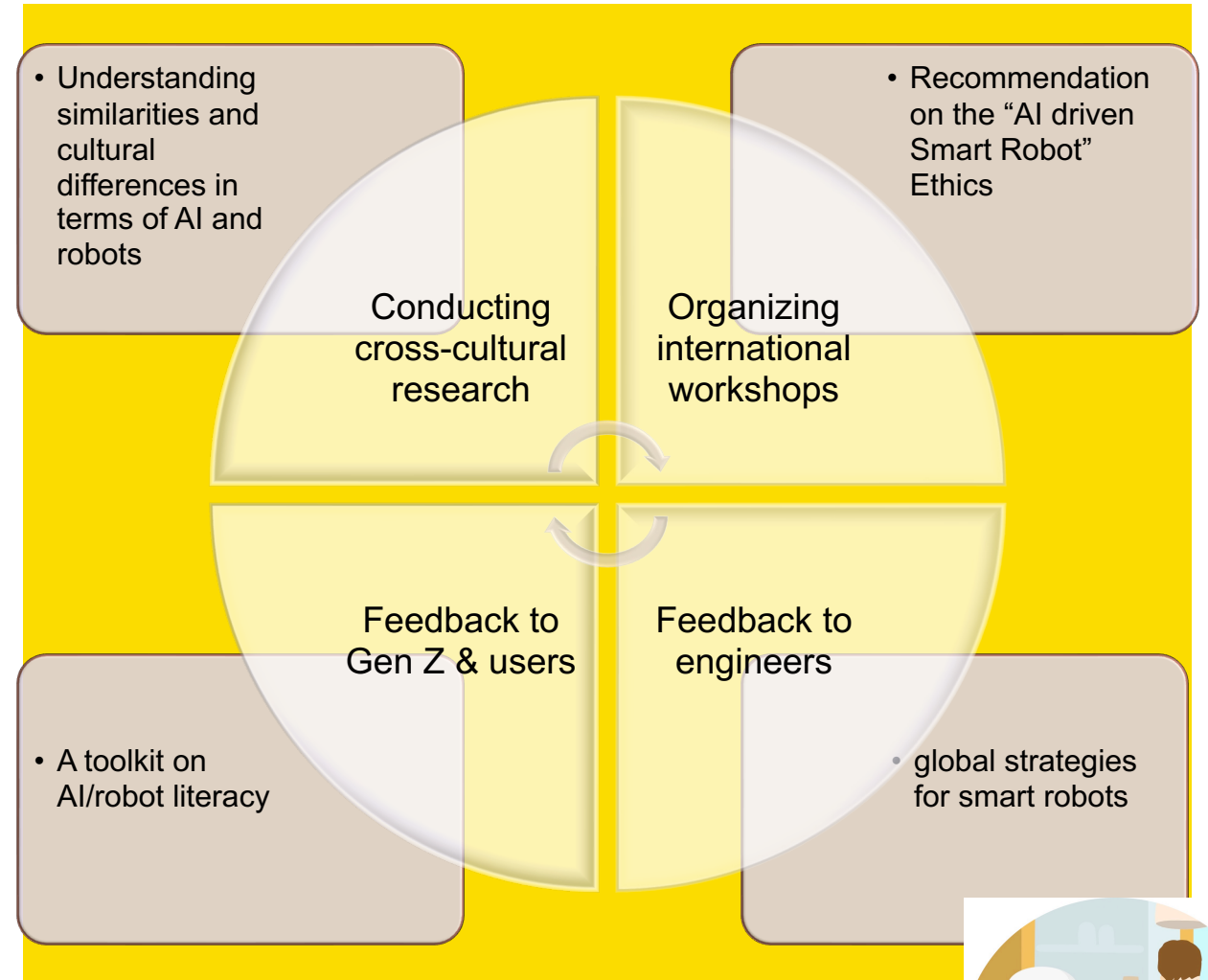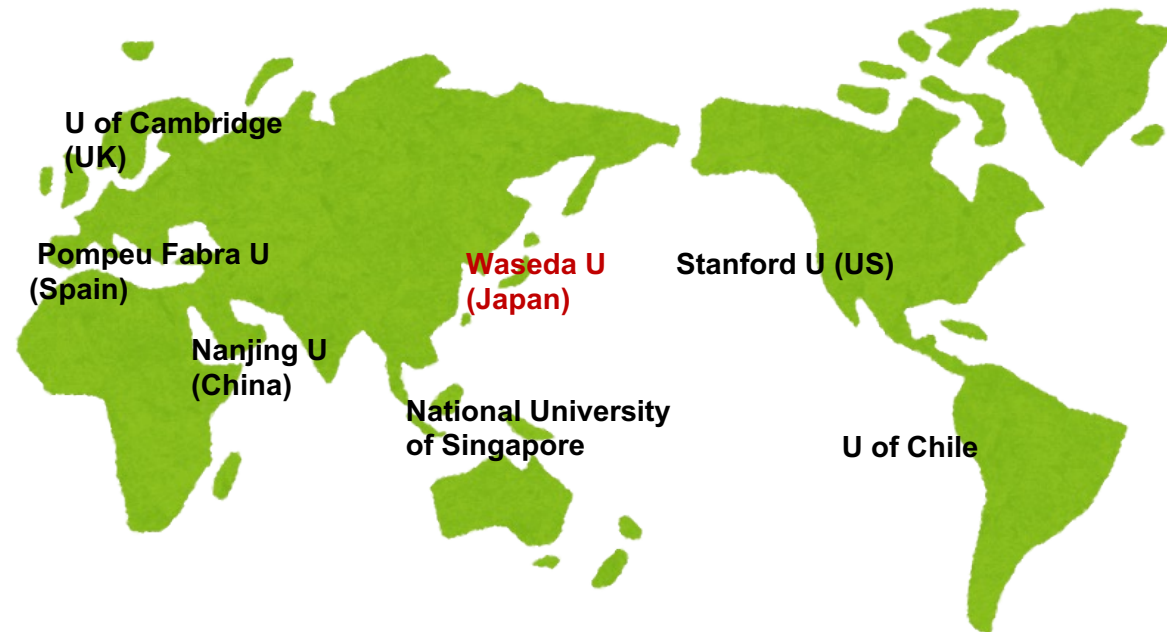**3. The future of work**

Imagine you are the boss of a big business in 2050. What kind of tasks will you use AI for, and what kind of tasks will you ask humans to do? You may imagine new types of jobs for humans in the future. What kind of skills do you think become important, not only technical skills but also "uniquely human" skills. What are "uniquely human" skills and how you can learn those?
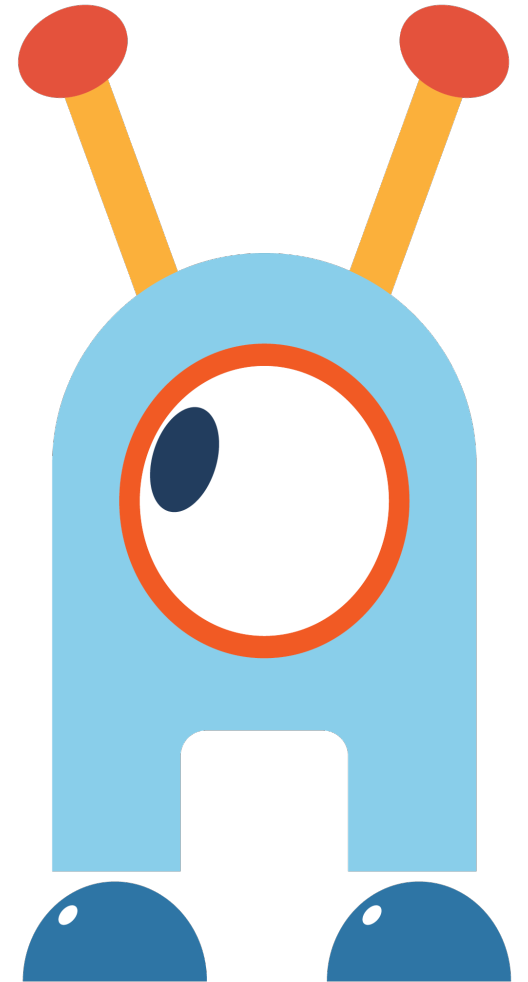
2. "PROJECT GENZAI" @MOONSHOT R&D PROGRAM

Gen ZAI=Gen Z & AI

- to explore ways of moving towards a **human first AI future** through the lens of the Gen Z.

- a global research project :cross-cultural research on attitudes towards AI, the needs for AI, design of robots, the future of work, AI literacy and AI ethics, the risks of AI and the future of AI society 2050.

U of Cambridge (UK)

Pompeu Fabra U (Spain)

Waseda U (Japan)

Stanford U (US)

Nanjing U (China)

National University of Singapore

U of Chile

- Understanding similarities and cultural differences in terms of AI and robots

- Recommendation on the "AI driven Smart Robot" Ethics

Conducting cross-cultural research

Organizing international workshops

Feedback to Gen Z & users

Feedback to engineers

- A toolkit on AI/robot literacy

- global strategies for smart robots

MOONSHOT
RESEARCH & DEVELOPMENT PROGRAM

GenZAI

SELF-CREATION

Yuval Noah Harari

- "the rise of the **useless class**"

- People will have to reinvent themselves again and again!

Smart wisdom emerges as people reflexively create and recreate themselves as they make sense of life and their place in the AI age while appropriating the power and possibilities offered by new technological innovation.

TOWARDS A VISION OF A FUTURE WHERE HUMAN HAPPINESS TAKES CENTRE STAGE

In 2050: Human-first
AI society
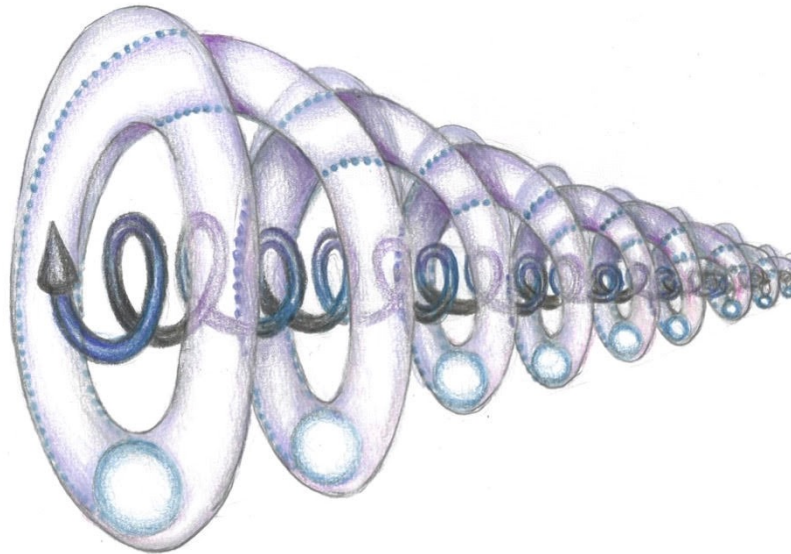
Self-creation
with smart wisdom

In 2022: the edge
of chaos

GenZAI

PROJECT "*GENZAI* (現在:NOW)":
THE FUTURE OF AI IN 2050 IS HAPPENING RIGHT NOW !

Thank you!

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http://blogs.law.harvard.edu/toshietaka hashi/

https://gen-zai.org/en/