



# Developing Architects of Cyber Civilization

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# Technologies with Profound Social Implications

AI, IoT, BMI (Brain Machine Interface). . .

Rapidly developing information technologies have potentials to be of enormous benefit to the human kind, if governed adequately.

If mismanaged, however, they may become catastrophically harmful.



# What are We Up to?

## Dawn of a New Cyber Civilization

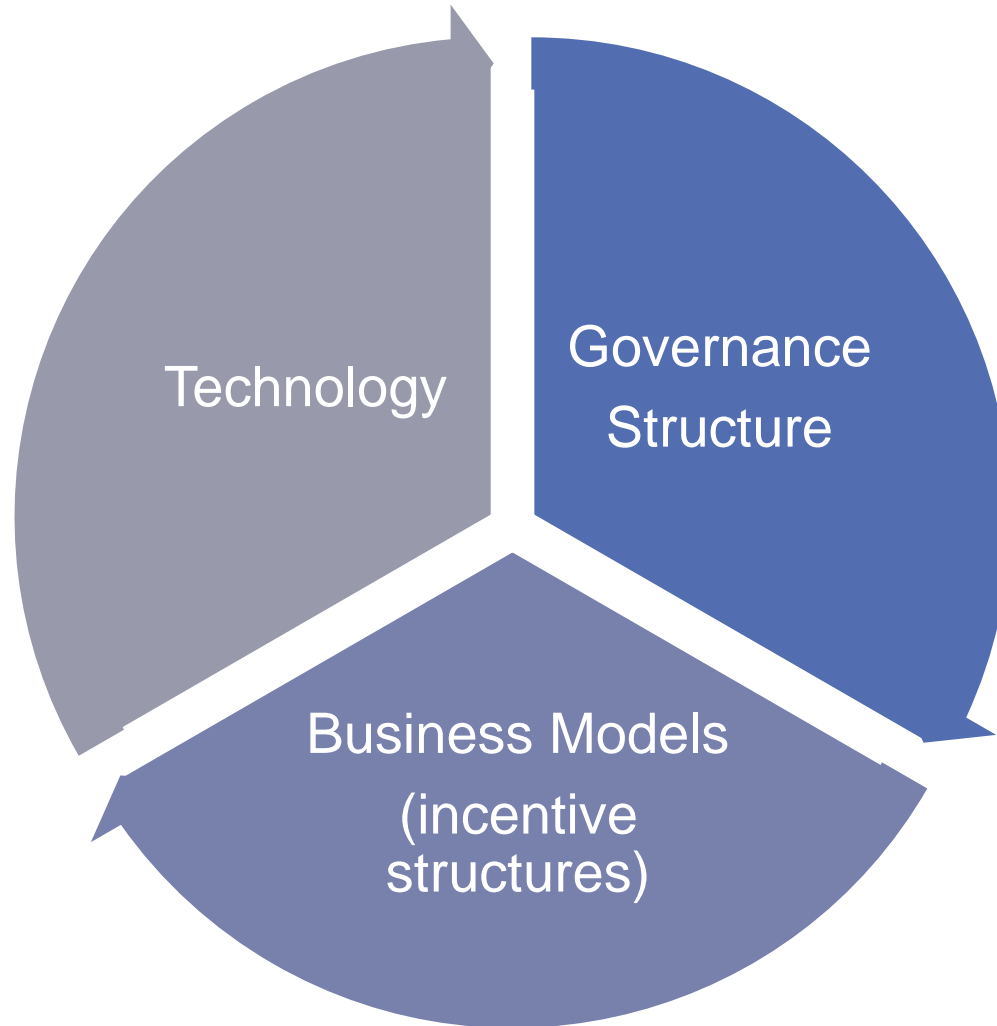
**Networked intelligence, unbound from physical limits, urges humanity to reconsider foundational concepts that have defined civilizations for centuries**

- ✓ **Ownership, market, currency...**
- ✓ **Autonomy, self, responsibility...**

**Applying norms of old civilization to the new probably does not work...**



# Architects of the Future Society



*Need to develop young generation capable of designing and managing effective technology-society co-evolution*

# Knowledge Commons for Interdisciplinary Learning

**Shonan Fujisawa Campus (SFC) established in 1990 specifically to promote interdisciplinary learning. Twenty eight years of experience**

- *No disciplinary compulsory courses*
- *Common compulsory training in programming, data science and languages*
- *Organized around “issues”. Strong culture to collaborate around design of technological and institutional solutions.*



**GIGA**

Keio University SFC  
GLOBAL INFORMATION AND  
GOVERNANCE ACADEMIC PROGRAM

# ESTABLISHING UNIVERSITY WIDE INTERDISCIPLINARY RESEARCH CENTERS

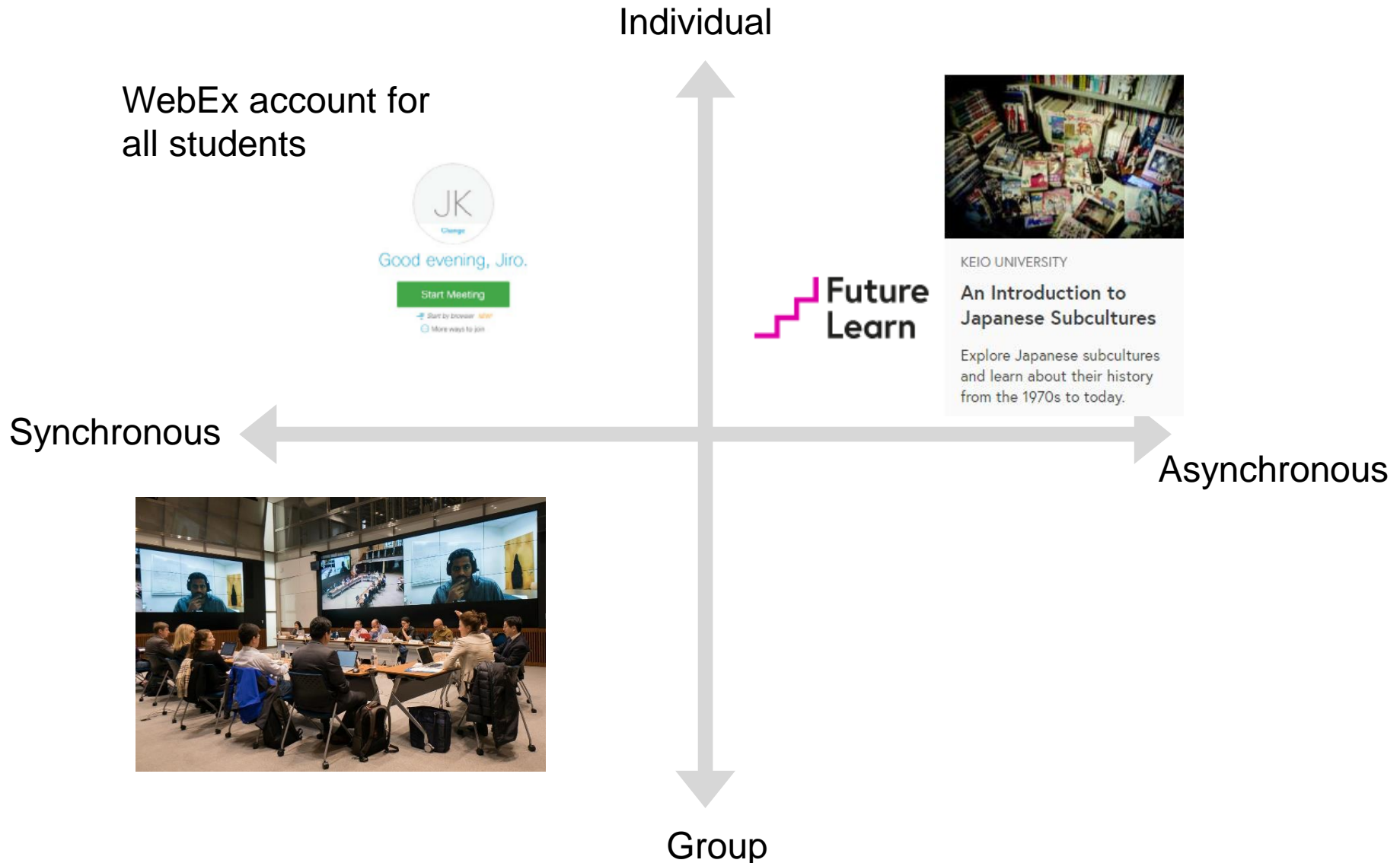
e.g. Cyber Civilization Research Center

**In order to contend with these changes and support humanity in its next evolutionary step, it is imperative that we rethink existing governance, economic, societal, and technological planning.**

**David Farber and Jun Murai, Co-Directors**



# Technologies to Create New Knowledge



*Delivering the best under any circumstances*