

Freedom of Mind and Value Co-Creation through Decentralized Data Management

Project manager

(selected in 2021)

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Leader's institution

RIKEN

R&D institutions

Keio University
Meiji University
The University of Tokyo
Kyoto University
Osaka University

Summary of the project

Centralized AI (CAI) and the attention economy threaten freedom of mind and democracy, and inhibit value creation by personal data (PD). By demonstrating that decentralized PD management (DPDM) in which only the personal AI (PAI) of the individual makes full use of her PD create higher added value, we will spread DPDM together with democratic governance of PAI to replace CAI with PAI and to ensure authenticity and diversity of information. This will defend the freedom of mind, promote value co-creation, and enhance democracy and economic performance at the same time.

Milestone by year 2032

Improve the functionality of PAI and realize decentralized governance of PAI, by building a decentralized data infrastructure for human research and extending it into open citizen science.

Milestone by year 2027

Demonstrate the value of DPDM and socially implement decentralized matching by PAI.

Project structure

R&D item 1: Decentralized PD management

HASHIDA Koiti: RIKEN

YAMAMOTO Tatsuhiko: Keio University

TOYA Keiko: Meiji University

R&D item 2: Decentralized data infrastructure for human research

HIRAKI Kazuo: The University of Tokyo

MORIGUCHI Yusuke: Kyoto University

KANAKOGI Yasuhiro: Osaka University

