

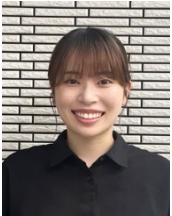
Loose Connections for a Co-creative Regional Society: A Framework and an Implementation System

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Abstract—To realize a co-creative regional society, it is essential to advance initiatives such as regional innovation and digital transformation (DX), regional platform development, sustainable community building, interdisciplinary collaboration, and cross-industry networks. Through an analysis of these initiatives, this study demonstrates that the concept of loose connections constitutes the essence of realizing a co-creative regional society. To formulate loose connections, we propose a seven-layer framework. Furthermore, to operationalize loose connections, we present an implementation system that leverages Web 3.0 and AI technologies.

Keyword—AI, Co-creative regional society, Implementation system, Loose connections, P2P, Seven-layer framework, Web 3.0



Maho Hoshiai was born in Japan in 2003. She is currently a junior student at Chuo University, Tokyo, Japan. Her research focuses on social systems and network theory, particularly on the concept of loose connections and its application to building a co-creative regional society. In addition, she is a high-ranked Go player and applies the game of Go to regional revitalization and innovation initiatives.