

JIMA 生産物流部門・国際渉外委員会共催 International Online Seminar

開催日時: 2024年9月21日(土) 18:00 ~ 20:00

開催場所: Zoom (オンライン) 参加 Zoom ミーティング

URL: <https://zoom.us/j/91541509520>, ミーティング ID: 915 4150 9520, パスコード: 170388

参加費: 無料 (会員・非会員の区別なく無料で参加できます)

プログラム

<18:00~18:40>

Topic 1: Blockchain Adoption for Pepper Smallholder Farmers and Buyers

Prof. Kim Hua Tan

Dept. of Operations Management and Information Systems, Business School, Nottingham University

Abstract: This project was inspired by a wave of interceptions of horticultural produce from Uganda during plant health checks in the EU for non-compliances (excessive pesticide residues and the presence of harmful organisms). The project started well with the involvement of the Ugandan Ministry of Agriculture (MAAIF) with whom we held a series of online workshops to map out the Fresh Fruit and Vegetable Export Supply Chain, and to identify pain points in terms of governance and information shortages. While we set out to investigate opportunities for blockchain integration in the value chain for enhanced transparency and compliance, it was understood that scanty data and low levels of literacy in the supply chain were in part to account for the rising wave of interceptions. This project offers insights to the opportunities and challenges of blockchain adoption and application in food supply chains, capabilities required for the adoption of blockchain technology in Agriculture as well as how good practice can be disseminated across the supply chain.

<18:40~19:00>

Discussion 1

<19:00~19:40>

Topic 2: Decentralized Autonomous Organizations (DAOs): Evolution, Components, and Future Prospects

Prof. Yu Cui,

Dept. of Social System Design, Faculty of Sociology, Kansai University

Abstract: As blockchain applications continue to evolve, a parallel social system encompassing token economies, digital assets, and metaverse structures is gradually emerging alongside the real world. Amid the rapid development of digital technologies such as big data, artificial intelligence, and the Internet of Things, Decentralized Autonomous Organizations (DAOs) are gaining increasing attention from industry, government, and academia as an innovative organizational management model that fundamentally alters traditional economic operations and social governance structures.

This study adopts a systemic framework and organizational management perspective to conduct a comprehensive analysis of DAOs. It examines their evolutionary trajectory, constituent elements, and core principles. The research also addresses current challenges and obstacles faced by DAOs, proposing a novel feasibility framework for their construction. Additionally, through case study analysis, the paper offers predictions and recommendations for future DAO research and development.

<19:40~20:00>

Discussion 2