

Nishino Lab.



Nariaki NISHINO,
Associate professor

Constructing new theories to realize “co-creative society”

Our laboratory pursues methodologies that enable co-creation among artifacts, humans, and environments, using game theory, multi-agent simulation, and economic experiments.

Research topics

Institutional Design for Sustainable Societies

- Decision-makings in recycling systems and institutional design
- Corporate’s environmental performance information and socially responsible investing behavior
- Development of trading mechanisms in autonomous distributed electricity systems

Design of New Services

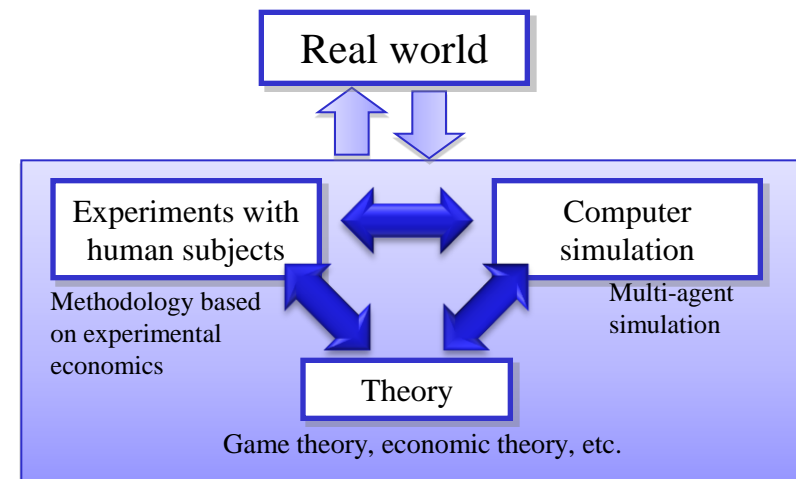
- New auction mechanism considering seat booking in theater business
- Mathematical modeling of membership-type services in manufacturing industries

Diffusion of Innovation

- New product development strategy in markets with network externalities
- Introducing new alternative fuel vehicles considering interdependent stakeholders’ decision-makings



Economic experiments using human subjects



Our laboratory’s approach