

Expanding Mobility Concepts for Society 5.0 and Designing the Future Society

The R&D Center for Frontiers of MIRAI in Policy and Technology (F-MIRAI) was originally established by the University of Tsukuba and Toyota Motor Corporation as a cutting-edge research hub for realizing Society 5.0 through advanced mobility infrastructure. Today, the Center has evolved its mission, expanding its focus toward "the conceptual advancement of mobility and the creation of a future society" aligned with Society 5.0 ideals. Drawing on experience as Director of the Cybernics Research Center and as a program lead in major national initiatives such as FIRST, ImPACT, and SIP under Japan's Cabinet Office, the Center Director leads efforts to advance interdisciplinary fusion research and build a robust foundation for industry-academia-government collaboration. Since FY2024, we have been working on the accumulation and modeling of "human characteristics" data to support the creation of healthy environments for people and society. In FY2026, we will accelerate these research efforts while also consolidating their outcomes. One of the key achievements will be the development of a new model for industry-academia collaboration. We look forward to your continued interest and support.



Dr. Yoshiyuki Sankai
Director, F-MIRAI

Our Mission

Expanding Mobility Concepts for Society 5.0 and Designing the Future Society

Industry-academia collaboration framework: Driving new frontiers through co-creation and multifaceted partnerships across industry, government, academia, and civil society.

Vision for Social Implementation: Expanding the concept of mobility and designing the future society through C-Avatar technologies deployed in a cybernics space where human, cyber, and physical domains are seamlessly integrated.

