

Project Based Learning Final Presentation

Date: 16:50-18:55 Thursday, January 22nd, 2026

Venue: Engineering Bldg.#2 1F, 13BC, “Mech Design Studio”, of the University of Tokyo／Online (Hybrid)

*Due to venue capacity, the people who are not PBL members, please participate online (ZOOM).
Thank you for your understanding.

Organized by:

Graduate Program for Mechanical Systems Innovation (GMSI)

World-leading Innovative Graduate Study Program Co-designing Future Society (WINGS-CFS)

Global Leadership Program for Social Design and Management (GSDM2.0)

Quantum and Semiconductor Science & Technology Program (WINGS-QSTEP)

World-leading Innovative Graduate Study Program for Materials Research, Industry, and Technology (MERIT-WINGS)

World-leading Innovative Graduate Study Program in Gerontology: Global Leadership Initiative for Age-Friendly Society (WINGS-GLAFS)

Objectives and outlines:

Graduate-level education requires flexible adaptability in a wide range of areas and a high degree of professionalism. In terms of acquiring the ability to problem-solving, which is difficult to gain by education within the university alone, educational programs under industrial-academic collaboration are believed necessary and effective to satisfy the above educational requirements.

Project Based Learning (PBL) is one active learning program that seeks to solve problems based on new perspectives and ideas and is intended to cultivate leadership, teamwork, and communication skills. Specifically, the PBL based on industrial-academic collaboration started by offering the topics from industry, and team efforts involving students, faculty members, and members from the industry have tackled to make solutions to the issues. Such a PBL program is believed one of the effective options to satisfy the above educational requirements.

At the PBL Final Presentation session, the students attending lectures present the results of their PBL activities and discuss them with the students, the faculty staff, and the partners from the industry in charge. It is believed that such discussion will be fruitful to progressing education based on industrial-academic collaboration.

Program:

16:50-16:55 Opening

16:55-17:55 Presentation Session (Presentation 12 min., Q&A 5 min.)

Team 1 : Building the infrastructure for the future society through satellite imagery and data utilization. (Oki Electric Industry, Co., Ltd.)

Team 2 : Design and Verification of an Ecosystem Based on the Seventh Basic Energy Plan for “Island” (System JD Co., Ltd.)

Team 3 : Utilization of AI Technologies for New Business Development (Corundum Corp.)

17:55-18:10 Voting Time and Break

18:10-18:30 Comments from the companies and faculty members

18:30-18:55 Awards ceremony and Closing

18:55 Closing