Accelerator Laboratory

Code of Conduct

April 2026

Preface

The KEK Accelerator Laboratory is dedicated to developing and constructing state-of-the-art accelerators, as well as operating, maintaining, and improving their beam performance. Its mission is to provide high-performance, stable beams for academic research aimed at exploring the universe, matter, and life, as well as for various types of applied research, and to conduct research and development on new advanced accelerators necessary for future projects. Furthermore, the Accelerator Laboratory is committed to fostering the development of human resources in the field of accelerator science and technology through collaboration with research institutions both in Japan and abroad. To achieve these goals, it is essential to foster a constructive workplace environment where people from diverse backgrounds—regardless of gender, nationality, or other factors—respect one another and can engage in open and constructive dialogue. It is also important to actively disseminate the insights gained through our research activities and to foster broad public understanding of and cooperation with basic science. To this end, all of us involved in the activities of the Accelerator Laboratory will act in accordance with the relevant laws and regulations, KEK's Code of Conduct[*1], and the guidelines set forth below. The term "we" refers not only to the staff of this laboratory but to all individuals associated with it, including visiting researchers.

Safety Management of Accelerator Facilities

In the operation of accelerators, ensuring safety is the top priority, and we strictly comply with relevant laws, regulations, and laboratory policies and procedures. We thoroughly implement pre-operation inspections, periodic maintenance, and the proper designation and access-control of radiation-controlled areas and ensure the functionality of interlocks and shielding equipment. In the event of an anomaly, we immediately halt operations and report, record, and investigate the cause in accordance with established procedures. Furthermore, we regularly conduct safety education and training for all personnel and strive to enhance safety awareness and prevent accidents through the sharing of accident cases and near-miss

[*1] https://www.kek.jp/ja/compliance/misconduct/conductcode-2/

incidents.

Promotion of Research and Development

We will systematically advance research and development with the aim of advancing accelerator science and related fields. When planning experiments, we will set clear objectives and strive to make efficient use of beamtime. We will actively foster collaboration with researchers within KEK and at universities and research institutions, as well as with industry, to promote the practical application of research outcomes through joint research and technology transfer. Furthermore, we will appropriately share and publish research data and findings to contribute to the advancement of open science, while continuously working to nurture young researchers and engineers.

Environmental Protection

In the operation of our laboratory, we recognize reducing our environmental impact as a critical responsibility and actively promote energy-efficient operations and the adoption of high-efficiency equipment. We handle and store radioactive waste and chemical substances appropriately in accordance with applicable laws and guidelines. We strictly manage air emissions and wastewater to minimize the impact on the surrounding environment. Furthermore, we continuously conduct environmental audits and improvement initiatives to raise environmental awareness and contribute to the sustainable operation of our facilities.

Building a Sustainable Research Environment

To support stable and continuous research activities, we will manage the lifecycle of our facilities and proceed with planned upgrades and renovations. We will strive for continuous improvement to achieve both enhanced operational efficiency and cost optimization. Furthermore, we will create an environment where researchers, engineers, and operators can work safely and comfortably, placing a high priority on work-life balance and diversity. We will establish a sustainable research infrastructure by developing business continuity plans and conducting drills to prepare for disasters and emergencies, thereby enhancing the organization's resilience.

Ethical Research Activities

We uphold high ethical standards in all research activities and strictly prohibit misconduct such as fabrication, falsification, and plagiarism. Research data is appropriately collected, recorded, and stored, and managed in a manner that allows for verification by third parties. We appropriately disclose any conflicts of interest to ensure fairness and transparency.

Furthermore, we take into account security trade controls and dual-use considerations, and give due consideration to the social impact of our research findings. We will comply with relevant laws and ethical guidelines, uphold accountability, and conduct research activities that earn the trust of society.