

March 21, 2024

## **Recommendation for the Promotion of the International Linear Collider Project**

Federation of Diet Members for ILC

The fields of particle physics and accelerator science, which underpin particle physics, are dedicated to exploring the fundamental structure of matter and the universe during its creation. Japan has made substantial contributions to this field over the years, and it is crucial to continue strengthening our international competitiveness in this area.

The attraction of the International Linear Collider (ILC) Project to Japan stands to establish Asia's inaugural large-scale international Science and Technology center. This endeavor holds the potential to significantly enhance Japan's research capabilities and growth strategy, positioning the nation as a pivotal Science and Technology powerhouse. Focusing on this recognition, the Federation of Diet Members for ILC is advocating for the advancement of next-generation accelerator technology through international collaboration. This will contribute to the progress of the ILC project, and we appreciate the achievements made thus far."

As the dynamics of power in international relations have undergone significant changes in recent years, there exists a pressing need for refining innovative capabilities within science and technology endeavors. This necessitates the strategic and concentrated allocation of resources to foster advancement. To tackle unexplored challenges with cutting-edge technology and knowledge, achieving groundbreaking results through large-scale projects and establishing advanced experimental facilities by fostering collaboration among nations that uphold shared universal values is essential. For the ILC, with no exception, it is inevitable to reach a consensus among the international research community that the project must be realized with international collaborations. Science and technology play an important role in contributing to the global peace, and it is hardly possible for a single country to accomplish a project of this scale alone.

From this perspective, the Federation makes the following recommendations.

1. The ILC project will be further promoted by the research community, industry, organizations promoting the candidate sites, relevant ministries and agencies, the Diet members and other political organizations within an all-Japan framework.
2. For the ILC project, international collaboration will be further strengthened as a global initiative involving the research community. This will be achieved through close cooperation between the ILC International Development Team (IDT), an international promotion organization established under ICFA, and the domestic research community.
3. The Ministry of Education, Culture, Sports, Science and Technology (MEXT) should play an active role in collaborating with the international research community to achieve the global accelerator program. This collaboration should utilize the framework of the Liaison Committee on Future High-Performance Accelerators, in partnership with the Cabinet Office, as well as other relevant ministries and agencies.

**(Note) This is an unofficial translation of the original Japanese language version and is provided for your convenience only, without any warranty as to its accuracy or the completeness of the information. The Japanese original version is the sole official version.**