

Workshop on the physics potential of the International Linear Collider

-presentation of the expressions of interest-

Organised by the ILC International Development Team

Japan, 26-29 October 2021

Purpose of the workshop

The main goal of the workshop is to start shaping the physics programme of the International Linear Collider (ILC) through the oral presentations of ideas for ILC experiments in a form of expressions of interest (EoI's) by the physics community. Presentations on the experiments at any stage of development will be encouraged to ensure full exploitation of the ILC physics potential by considering a diverse set of experiments. The workshop will provide an opportunity for ideas at an early stage to build up collaborations and to elaborate further the experimental concepts. This workshop will also be an occasion for well-established groups to refine their experimental setups benefiting from the recent detector R&D and expanding community interest in the ILC. In addition, IDT activities and political developments, as well as local area activities and community efforts in Japan, should be presented. A small number of sessions on the ILC accelerator issues is also foreseen.

Tentative plan of the workshop

Currently, the workshop is planned to be face-to-face by assuming that the COVID situation will be normalised by the time of the meeting. As the venue, the Epochal Tsukuba International Congress Centre is foreseen. Since there is a finite probability that the COVID situation may not be fully resolved in time, an option of holding the workshop in a hybrid mode with remote participation is envisaged. Tentative schedule of the workshop is the following:

	26 October	27 October	28 October	29 October
Morning	Visit to the ILC activities at KEK	Plenary Session	Plenary Session	Plenary Session
Afternoon	Parallel Session	Parallel or Plenary Session	Parallel Session	Plenary Session

The plenary session on the 27th will be the official opening of the workshop. The number of the plenary sessions will depend on the number of EoI presentations. If there are sufficient interest, a trip to the Tohoku candidate site will be arranged before or after the workshop.