

ACFA Statement on International Linear Collider

The 7th ACFA Statement was issued on November 3, 2004 at the 9th ACFA meeting.

In August 2004, ICFA has decided on superconducting technology for the future linear collider (LC), by endorsing the resolution of the international technology recommendation panel (ITRP) created by ILCSC under ICFA. The ITRP report emphasizes the importance of world-wide unified approach as a single team to design the international linear collider (ILC).

ACFA has discussed various issues relating to ILC in the plenary meeting of ACFA at VECC, Kolkata in India on 2-3 Nov. 2004, and ACFA came to the following conclusions

- ACFA welcomes the truly international nature of the decision on technology for the ILC. This sets the stage for international collaboration in the design efforts for the ILC.
- ACFA reaffirms that the ILC, the next major high-energy physics project, should be realized by world-wide efforts. In such International collaboration ACFA and scientists in ACFA countries should play crucial and leading roles.
- ACFA reconfirms the importance of hosting ILC in Asia, which will make high energy physics and accelerator science truly global.
- ACFA urges the Japanese Government to fully support the efforts of KEK and Japanese scientists to host the ILC in Japan.
- ACFA reconfirms that KEK is the best suited institute in Asia for hosting the Central Team of GDI.
- ACFA urges KEK to establish the Asian Regional Center for R&D in GDI and encourages other Asian countries to actively participate in GDI.

- With ILC entering this important phase, ACFA urges Governments of Asian countries to support participation of their scientists in GDI.

ACFA feels that Asia has wide expertise in accelerator technology which can be directed to develop SCRF technology required for the ILC, and large trained manpower which can make major contributions to the ILC. Because ILC will pose major scientific and technical challenges, there will be several technological fallouts. ACFA therefore feels that by participating in the ILC not only the scientific community of the participating country but also its industry will benefit.