



News from Japan on ILC

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Situation in Japan

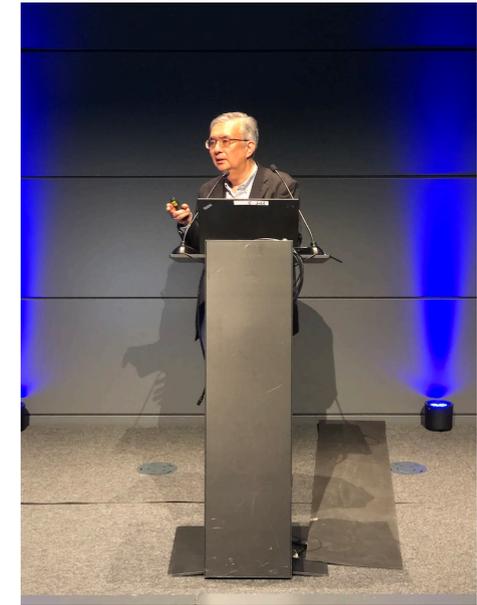
KEK presented its plan for the ILC project in Lausanne

2019/04/12

<https://www.kek.jp/en/newsroom/2019/04/12/1700/>

Masanori Yamauchi, Director General of KEK, made a presentation regarding KEK's plan for the ILC, at the international conference held on 8-9 April 2019 in Lausanne, Switzerland.

About 100 scientists from around the world who aim for the realization of electron-positron linear colliders gathered at the Linear Collider Community Meeting, to discuss the future linear collider activities.



Masa explaining his plan in a Lausanne session

In the conference, Yamauchi presented KEK's plan for the ILC for the upcoming year, summarized as follows:

- **Organize the *international working group* with close consultation with the Ministry of Education, Culture, Sports, Science and Technology (MEXT).**
- **Promote activities to gain a better understanding of the broader academic community in Japan (Propose the ILC project to *the Science Council of Japan's Master Plan*; Organize a symposium)**
- **Cooperate with MEXT to establish the *governmental level discussion groups with France and Germany*. Also, strengthen the discussion group with the US DOE.**
- **Conduct *technical development program at ATF, STF and CFF facilities* collaborating with the international teams**

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KEK's plan is in accord with the ICFA statement and MEXT's view, and illustrates the specific steps that will be taken by KEK toward an early realization of the ILC. The result of the discussions at the Lausanne conference will be used as an input for the discussions of the Update of the European Strategy for Particle Physics.

Not very much I can tell now.

- *The KEK International WG activity has started.*
 - *The International WG had its 1st meeting (next slide).*
 - *A preparatory group in KEK doing homework for the International WG.*
- *SCJ Master Plan Process on-going.*
 - July 8: a prioritized list to the upper committee*
 - Late July: list of projects to go to the hearing stage*
 - Sep. 14-16: hearing to make the short list*
- *Preparation on-going for establishing governmental level Discussion Groups with France and Germany.*
- *Planning possible collaboration for technical preparation regarding items pointed out by SCJ (led by Shin Michizono).*

ILC International Working Group Established -- First Meeting Held in Granada

2019/05/21

<https://www.kek.jp/en/newsroom/2019/05/21/1900/>

KEK established the International Working Group on the International Linear Collider (ILC) project to discuss issues such as international cost sharing. The First Meeting of the Working Group was held on Friday, 17 May, in Granada, Spain.

At the LCB meeting on March 7, MEXT expressed anticipation for establishing an International Working Group, to be led by KEK, in order to advance the discussions by domestic and international communities of researchers on issues such as international cost sharing.

Following this statement, KEK established the International Working Group, consisting of 2 members from Europe, 2 members from North America, and 3 members from Asia (including Japan)



The Working Group will use [the PIP \(rev.C\) issued on July 2015](#) as a starting point and will further investigate and update the following points:

- **Model of international cost-sharing for construction and operation**
Study the ILC250 construction cost and propose a model for the construction describing: (a) items that are appropriate for the host responsibility, and (b) items that should be shared by all partners. Propose a model for sharing the operational and decommissioning cost.
- **Organization and governance of the ILC Laboratory**
Propose an organizational and governance model of the ILC Laboratory as well as the ILC Pre-Lab.
- **International sharing of the remaining technical preparation**
Present a technical preparation plan in the preparation phase to solve the technical issues pointed out by the MEXT ILC Panel and the SCJ committee, including the possibility of international cooperation.

The WG is requested to submit a report to the KEK DG by the end of September 2019. The report will be submitted to MEXT and will be used by MEXT for discussions with other governments.

ILC International Working Group Members

○Klaus Desch Professor, University of Bonn

○Andrew J. Lankford Professor, University of California at Irvine

○Kajari Mazumdar Professor, Tata Institute of Fundamental Research

○Patricia McBride Distinguished Scientist, Fermi National Accelerator Laboratory

○Shinichiro Michizono Professor, KEK, Accelerator Laboratory

○Yasuhiro Okada Executive Director, KEK *Chair

○Claude Vallée Senior Researcher, CNRS/IN2P3/CPPM

LCWS 2019 to be held in Sendai

Oct. 28 - Nov. 1, 2019

at Sendai International Center

<http://newsline.linearcollider.org/2019/05/30/linear-collider-workshop-to-be-held-in-sendai/>

The next annual meeting of world scientists working on the linear collider development will be held in Sendai, Japan.

On 21 May, Lyn Evans, Director of Linear Collider Collaboration announced at the press conference held in Sendai City, Miyagi Prefecture, Japan.

Evans, together with Hitoshi Yamamoto from Tohoku University, and Atsuto Suzuki, President of Iwate Prefectural University and former Director General of KEK explained about the conference and the environment surrounding the ILC.

“The discussion of the ILC project is in a fully matured state. With the positive statement from the Japanese Government on 7 March, I am rather optimistic about the realization of the ILC”, said Evans. “However, ***it is important for the Japanese government to make a more positive statement later this year to give the project the green light,***” he said.



*Press conference announcing LCWS2019 in Sendai.
From left: Hitoshi Yamamoto, Lyn Evans, Atsuto Suzuki*