

Status in Japan / report on recent visit in Europe

ILD phone meeting

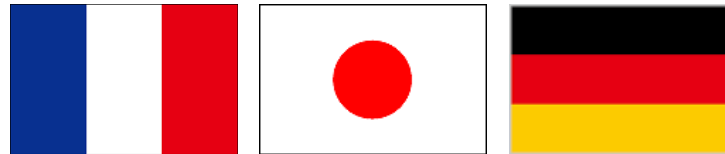
2018.01.30

K. Kawagoe

Status in Japan

- After the ICFA statement on the ILC operating at 250 GeV (Ottawa, November), a meeting of ILC Advisory Panel was held at MEXT on December 5th.
 - TDR (500 GeV) → ICFA statement (250 GeV)
 - Change in physics prospects ?
 - Change in the construction cost ?
 - Change in the organization/management
 - A global project → an international project , led by Japanese initiative
 - Two Working Groups restarted.
 - Particle and Nuclear Physics WG (Chair: T. Nakano)
 - TDR validation WG (Chair: T. Yokomizo)
 - WGs' conclusions in April ??
 - Keisuke gave a detailed report on the 1st meeting of Physics WG (Jan 18th), where he had given a talk, in ILD Software and Analysis meeting last Wednesday.
 - Next meeting of Physics WG will take place on next Monday (Feb 5), where significance of ILC 250 GeV will be discussed.

A Brief Report on Japanese Delegation to Europe



Visit to France and Germany (2018.1.8~1.11)

We expect a more detailed report by Satoru at the ILD meeting in Ichinoseki.

1. History

1. 2017/Oct/27 LCWS2017 (Hon. Becht (France) ▪ Hon. Kaufmann (Germany) ▪ 3 Diet members (Japan, remote)
2. 2017/Nov/07 ICFA/LCB statements, hoping “an international project led by Japanese initiative”
3. 2017/Nov/29 Hon. Becht visited Japan, had a pre-meeting in Tokyo.
4. 2017/December Preparation for the meetings in France and Germany
 - Hon. Becht (FRA), Hon. Kaufmann (GER), ILC Federation of Diet Members, Alsace Japan Agency, French Embassy in Japan
 - Researchers: Marc Winter, Maxim Titov, Joachim Mnich, Satoru Yamashita
 - Government: MOFA (Ministry of Foreign Affairs), MEXT (Ministry of Education, Culture, Sports, Science and Technology)
 - Industry: AAA (Advanced Accelerator Association Promoting Science and Technology)
 - Economical Bureau: Tohoku Economic Federation

The first step

LCWS2017 in Strasbourg (October 27th)



From Europe

Hon. Olivier BECHT (National Assembly, France)

Hon. Stefan KAUFMANN (Bundestag, Germany)

From Japan (ILC Federation of Diet Members, remote)

Hon. Takeo Kawamura

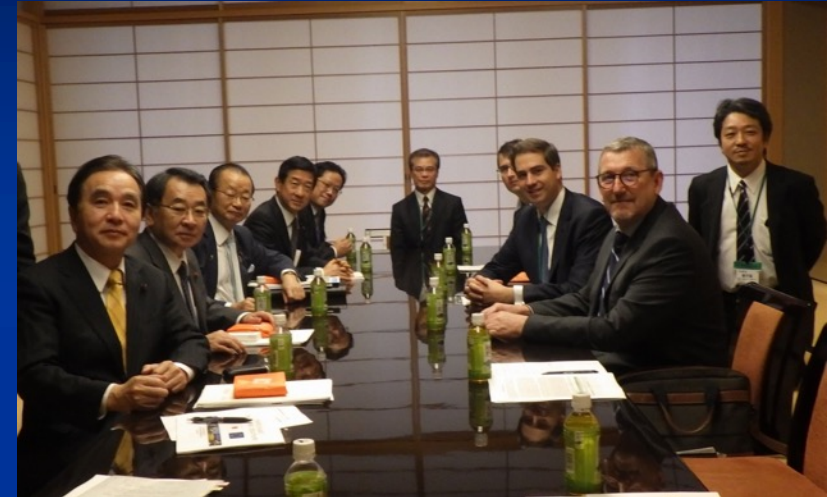
Hon. Ryu Shionoya

Hon. Tatsuo Hirano

France-Japan Meeting on ILC

(Tokyo, 2017 Nov 29)

The second step



Japan:

Hon. Kawamura, Hon. Shionoya, Hon. Hirano,
Hon. Ito, Hon. Otsuka, Hon. Fujiwara

MEXT: Mr. Itakura et al

Members of AAA, Tohoku Economy Federation
Researchers

France:

Hon. Olivier Becht

Mr. Jean-Christophe AUFFRAY (French Embassy)

Mr. Aurelien ANTHONY (Alsace Japan Agency)

etc.

Japanese Delegation: a success

A big jump

Date: January 8-11, 2018

Meetings@Paris: National Parliament, MESRI, Laboratories

Meetings@Berlin: Bundestag, BMBF

Federation of Diet Members: Hon. Shionoya, Hon. Ito, Hon. Otsuka
Policy secretary of Hon. Kawamura

Ministry: Mr. Itakura (MEXT), Officers of Japanese Embassy in Paris/Berlin

AAA: T. Nishioka, J. Nishiyama, T. Sakamoto, M. Matsuoka

Tohoku Economy Federation: H. Takahashi, O. Oe, G. Sato, E. Nishiyama

Researchers: A. Suzuki (Iwate-pref), H. Aihara (Tokyo), S. Yamashita (Tokyo)
N. Niita (KEK, International Affairs Division)

Goals

- Inform Japan's basic stance toward the realization of the ILC
- Reach common understanding of the project scope
- Discuss the positioning of the ILC in strategy processes in Europe
- Begin informal discussions on international sharing of the cost with France-Japan & Germany-Japan
- (bilateral): identify working-level personnel for politicians/officials/researchers
- Create a basis for international cooperation in the industrial sector

2. Meetings in Paris (Jan 9-10)

- Meeting with 5 French National Parliament Members
 - Hon. Alain TOURRET
 - Hon. Olivier BECHT
 - Hon. Julien AUBERT
 - Hon. Pierre HENRIET
 - + a Parliament Member
- Meeting with MESRI (Ministry of Higher Education, Research and Innovation) high-level Officials: Minister's Cabinet / DGRI (DGRI: Direction générale de la recherche et de l'innovation)
 - Jean-Phillippe Bourgoin (Research Advisor, Cabinet of MESRI Minister)
 - Alain BERETZ (Director, DGRI)
 - Christian CHARDONNET (Director, Department of Large Equipment for Research, Member of ESFRI)
 - etc.
- Meeting at CNRS Headquarter (Directorate of CNRS, IN2P3, TGIR)
 - Gabriel CHARDIN (Director of TGIR)
 - Raynald PAIN (Director, IN2P3)
 - etc.
- Meeting at CEA/Saclay directorate and international division and site visit
 - Industrial sessions
 - Visits to LAL/Orsay and THALES

M. Titov, M. Winter



LCWS2017



Christian CHARDONNET

Hon. Becht will visit Japan in May (May 16, 17 in Tokyo/Tohoku for the ILC).



Hon. TOURRET, Hon. BECHT



Counterparts between France and Japan are established at four levels:

1. Parliament and Diet
2. Ministries
3. F. A. /Laboratories
4. Researchers



Meetings at Palais Bourbon, government building, and laboratories



Visit Lab/Industry

3. Meetings in Berlin (Jan 11)

- Meeting with Hon. Stefan KAUFMANN, a Member of Bundestag, together with Joachim Mnich and Marc Winter.



Hon. KAUFMANN



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- Meeting with Dr. Georg SCHÜTTE, State Secretary at Education and Research (BMBF), together with Hon. KAUFMANN and Officials in charge of Asia-Oceania/ Large Facilities/Research on the Universe and Matter, etc.



Dr. SCHÜTTE
Hon. KAUFMANN



Dr. SCHÜTTE will visit Japan for a meeting on “Society 5.0” in this year.





Counterparts between Germany and Japan are established at four levels:

1. Bundestag and Diet
2. Ministries
3. F. A. /Laboratories
4. Researchers



BMBF, Germany



Hon. KAUFMANN

Dr. SCHÜTTE



4. Results

- **It was a memorable visit where discussions on the ILC were held with influential parliamentary members and upper levels of the governments in France and Germany (to be expanded to more countries).**
- The importance of S&T cooperation between France-Japan, Germany-Japan, and Europe-Japan was recognized. In particular, a common understanding was reached among the participants the necessity of international sharing to realize the ILC.
- **The importance of incorporating the ILC project into the European strategy for Particle Physics was recognized and shared among the participants.**
- Objectives of research at the ILC, consistency with the LHC, features of round and linear accelerator, and the role of researchers were recognized.
- A common understanding was reached for the basic framework of the ILC project (timing, cost, international collaboration, role of host country, in-kind contribution, etc).
- **Counterparts of French-Japan and Germany-Japan are established at four levels. We can start discussions among the countries to realize the ILC.**
- Possibility of France-Japan and Germany-Japan cooperation for the ILC in industry/economy world, and cooperation between AAA and French/Germany industries were discussed.
- There were discussions on the relation of European strategy for Particle Physics and Horizon 2020, GSO (Group of Senior Officials on Global Research Infrastructures), ESFRI (European Strategy Forum on Research Infrastructure) and so on.

January 8-11, 2018
The 1st Japanese ILC delegation to
Europe (France and Germany)
was a big success.

A big jump

Sincere thanks to :

Hon. Olivier BECHT (French National Parliament)

Hon. Stefan KAUFMANN (Bundestag)

Dr. Alain BERETZ (MESRI/DGRI)

Dr. Georg SCHÜTTE (BMBF)

and all others

Next steps

March-June: Spain, Italy, UK

May: US (if high-level governmental officials are approved)

Asia: start with India, Australia