

2015 Progress Perceived from IN2P3 & Irfu

M. Titov (Irfu) – M. Winter (IN2P3)

Paris / 24 March 2016

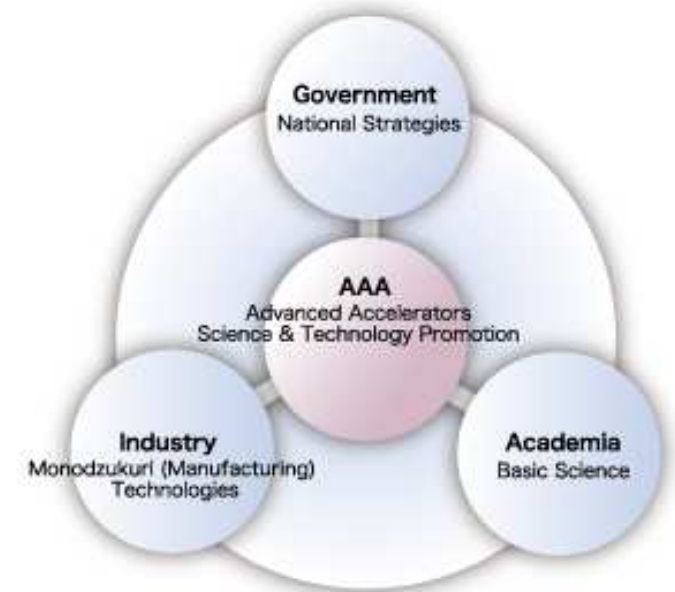
Contents

- Summary of important ILC events in 2015
- Continued efforts performed from French side
- *Conclusion & Outlook*

Actors: F. Le Diberder, O. Napoly, M. Titov, M. Winter in close contact with Y. Okada, S. Yamashita, A. Yamamoto, ...

● April 20th : Visit to French Embassy in Tokyo

- AAA Delegation received by Scientific Advisor of Ambassador assisted by Scientific Attaché (went to Tokyo Event)
- FLD, MT, MW invited by AAA
- Discussion about ILC project & Invitation to Tokyo Event
- Very positive exchange: French Embassy expects visit from Japanese government representatives to discuss ILC prospects

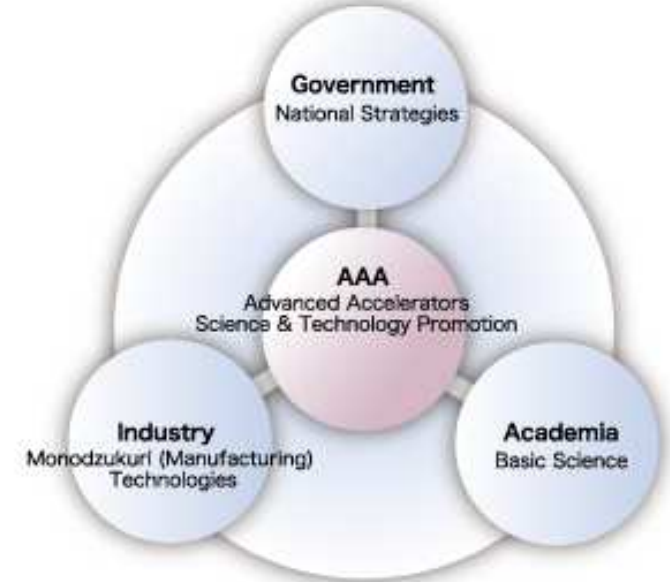


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● Contact with French Embassy maintained

- ready to help MEXT Delegation to contact French Ministry Representatives



Visits of NOMURA Research Institute (NRI)

- NRI : mandated by MEXT to investigate landscape
- 1st visit :
 - General purpose investigation (incl. LHC)
 - IN2P3 & Irfu : January 2015
 - Report to MEXT in April 2015:
ILC has similar economical impact as CERN

Realization of the “third founding phase”
and “dream up the future”



NRI in the world



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- 2nd visit :

- Targetting ILC related topics (e.g. XFEL)
- IN2P3 (LAL) & Irfu : Octobre 2016
- Delegation incl. HE "layman" physicists
- Visits of XFEL related infrastructures
- Discussions with companies
involved in XFEL prod. (Thales, Alsyom, ...)
- Report to MEXT: April 2016 (?)

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NRI in the world



Meetings in Strasbourg with Diet Membres & Japanese Consul

- **April: Japanese Diet Delegation in Strasbourg**

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- Meeting with EU Parliament membres to introduce ILC (Tokyo Declaration)



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 - ↳ **ILC process in Japan will be very long but treated very seriously & carefully**
 - ↳ **BE PATIENT ...**



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● Septembre: meeting with Consul of Japan

- Consul K. Wada: contact of Diet Delegation
- Visit JSPS office (one of the 4 offices in Europe)
- Discussion on Interim Report handed over to MEXT in July
Comment: message mainly addressed to Japan
- Contact maintained: Consul very positive & ready to help



Interim Report

- **FALC meeting of June 19th at CERN: Talk on Interim Report**

Recommendation 2: Since the specifications of the performance and the scientific achievements of the ILC are considered to be designed based on the results of LHC experiments, which are planned to be executed through the end of 2017, it is necessary to closely monitor, analyze and examine the development of LHC experiments . Furthermore, it is necessary to clarify how to solve technical issues and how to mitigate cost risk associated with the project.

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 - ↳ distabilising impact on support to ILC activities

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- **Report explained by Japanese scientists to Irfu & IN2P3 Directorates**

Conclusion an Outlook

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- JFY 2015 was paved by important steps for ILC project, incl. in French landscape
 - ⇒ Real progress achieved on several fronts (incl. construction of 90 % of XFEL cryomodules)
- BUT there is still a delicate & long path ahead
 - ⇒ How long should (can) the community stay patiently watching ?

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● JFY 2016 expected to deliver important milestones which will be followed with extreme attention

- Outcome of bilateral discussions between US and Japan
- MEXT statement addressing EU-HEP strategy update
- IEEE NSS/MIC conference in Strasbourg ➔ important EU-Japan meeting occasions
- MEXT contacts with French government need to be well prepared beforehand ...
- etc.

Interim Report Particle Physics Chart

Challenges and activities to understand natural laws in a unified framework

Supporting document

