



**Promoting advanced accelerator
science & technology
with the Industry-Government-Academia
collaboration**

April 17, 2009

MASATO ARIMA
Secretary General

Advanced Accelerator Association Promoting Science & Technology



The Advanced Accelerator Association Promoting Science & Technology (AAA) was established in June 2008 with 76 members,

to **facilitate Industry-Government-Academia collaboration** ,and

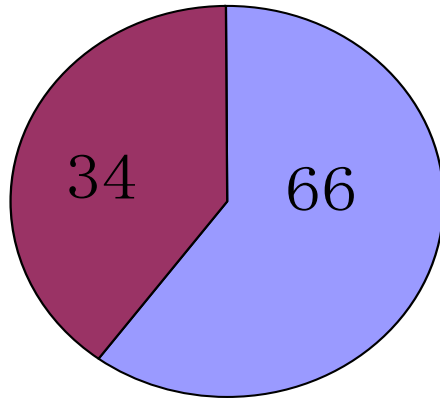
to **promote and seek various industrial applications** of advanced accelerator and technologies derived from R&D on such accelerator

ex. creating new drug or new materials, and / or utilizing for biotechnology ,or for medical use ,etc



AAA Member as of April 1, 2009

Total 100



【 Academia 】

KEK

RIKEN

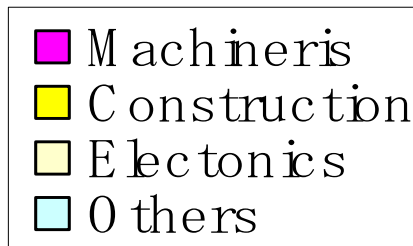
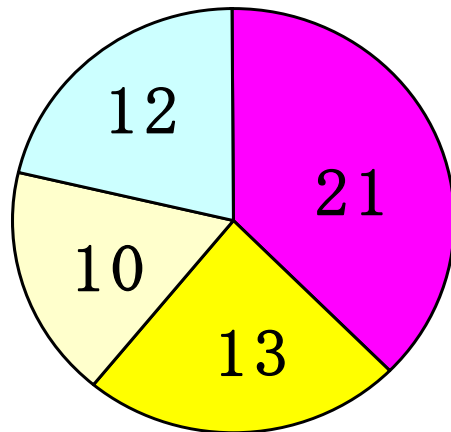
JAEA

Tokyo University

Tohoku University

Kyoto University, etc

Industry 66



【 Industry 】

MHI

Toshiba Co.

Hitachi Ltd

Mitsubishi Electric Co

KASHIMA Co

IBM Japan , KYOCERA

TEPCO, etc



AAA Organization

- * Minister of State for Financial Services, Economic and Fiscal Policy





Industry-Government-Academia collaboration





AAA activities

- **worldwide outreach** about all possibilities and significant developments advanced accelerator technologies have to offer **【Outreach G】**
- **seek directionalities** on advanced accelerator R&D and proper ways to **handle intellectual property with “ ILC Project ”** as an underlying model **【Tech. Study G & IP Study G】**
- **integrate “manufacturing technologies”** from a variety of industrial fields to **create innovative scientific technologies** **【Tech.Study G】**



Outreach activity

a symposium held on 26 February in Tokyo entitled

“ Departing from Japan to Universe – Toward the realization of International Linear Collider ”

- primary aim was to gain a better understanding of the advanced accelerator– the significance of promoting the R&D and the expected impact to the society
- over 150 participants from industry, academia and the political community were attending



over 150 participants listening to speeches and lectures



Dr. Koshiba



Dr. Kobayashi ,
2008 Nobel laureate



Takeo Kawamura
Chief Cabinet Secretary



Yukio Hatoyama ,
Acting Chair of the
Federation of Diet
members to promote
the realization of ILC
Secretary General of the Democratic Party



Federation of Diet members to promote the realization of ILC

【Major members】

Kaoru Yosano, Minister of State for Financial Services, Economic and Fiscal Policy

Takeo Kawamura, Minister of State, Chief Cabinet Secretary

Eisuke Mori, Minister of Justice

Tetsuo Saito, Minister of Environment (New Komeito)

Yukio Hatoyama , Secretary General of the Democratic Party



Political statement

At the symposium, Takeo Kawamura said as co-secretary of **“Federation of Diet members to promote the realization of ILC”** established in 2006 , expanded to all-parties federation, that **they will go over the ILC project as a national strategy** and that **they will write up the roadmap** collaborating with industry and laboratories.

He also said in October 2008 as Chief Cabinet Secretary , in response to the good news of the Nobel prize given to Professor Nambu, Kobayashi and Maskawa ,

that **it was a time for Gov. of Japan to start study of ILC**, and **expressed the need of setting up a framework with cross-sectional government officials**, to discuss such the basic science project as ILC.



AAA mission

Toward **the ultimate goal to realize ILC** ,if possible, in Japan, AAA missions are,

- to **gain strategic cooperation** from the multilateral collaboration among industry, government and academia,
- to **break through the technical difficulties** by Japanese manufacturing technology, and
- to **communicate with people (taxpayer)in Japan to gain broad public understanding and support** for Japan to contribute a large sum of fund to ILC Project



Summary

Japan is advancing forward ILC with AAA.