

Overview of the AAA activities

October 24, 2018

Masanori Matsuoka

Secretary General, **A**dvance **A**ccelerator **A**ssociation
promoting science & technology



Advanced Accelerator Association Promoting Science & Technology

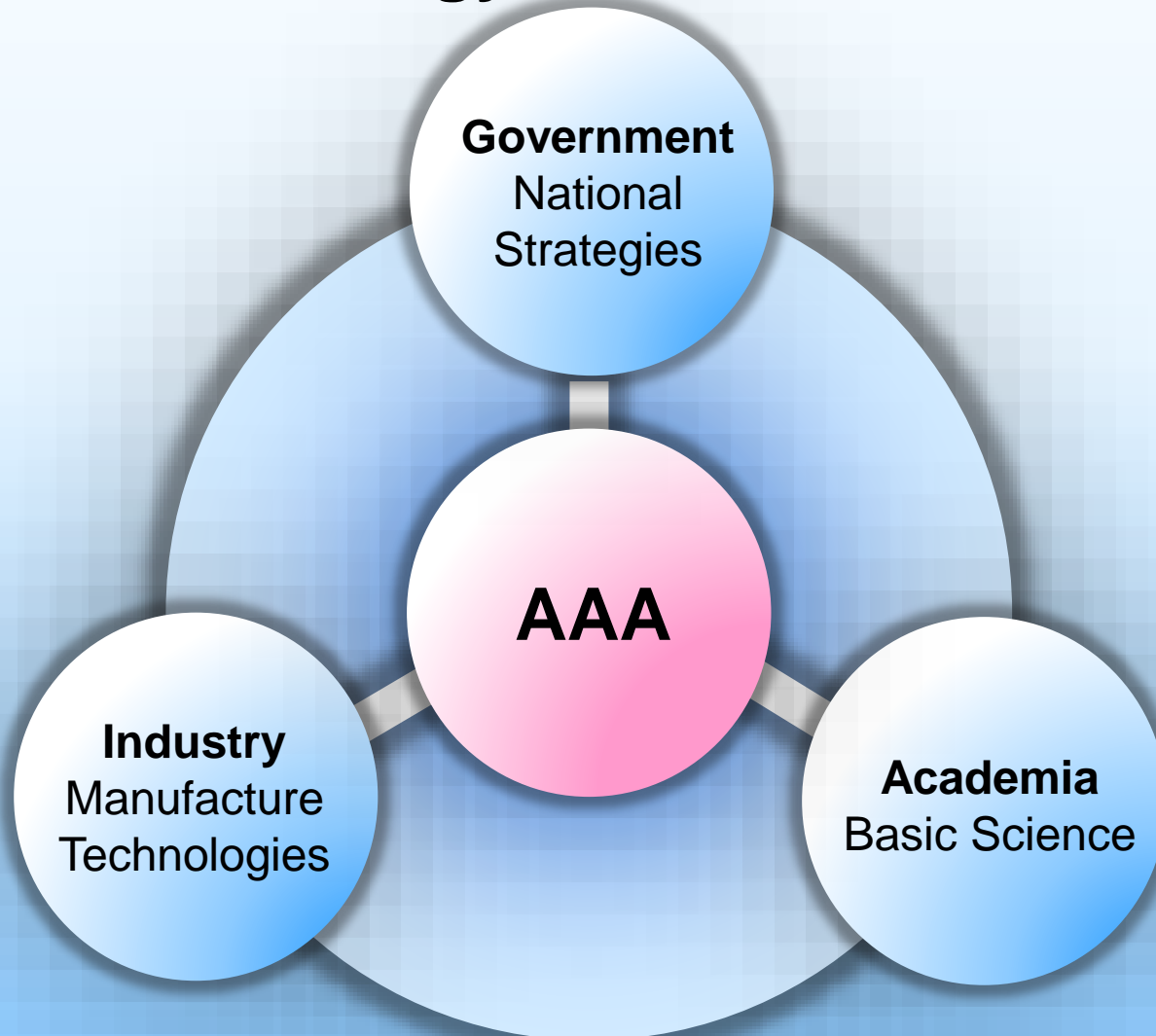
- Introduction
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- Summary

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- Summery

Our vision



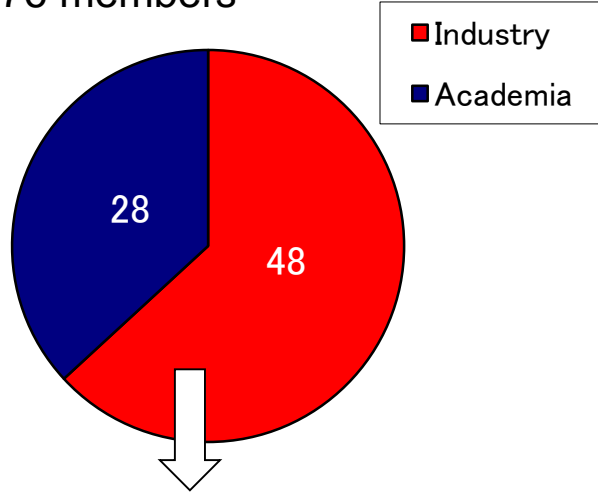
Affluent Future with Advanced Accelerator Science & Technology



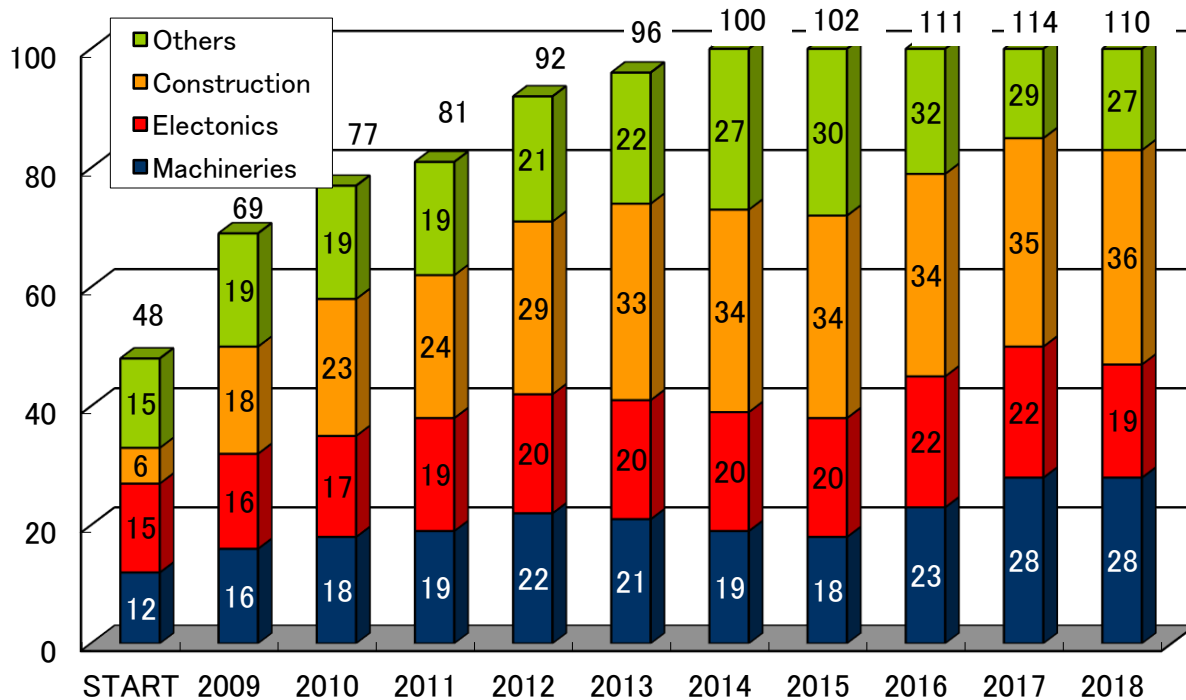
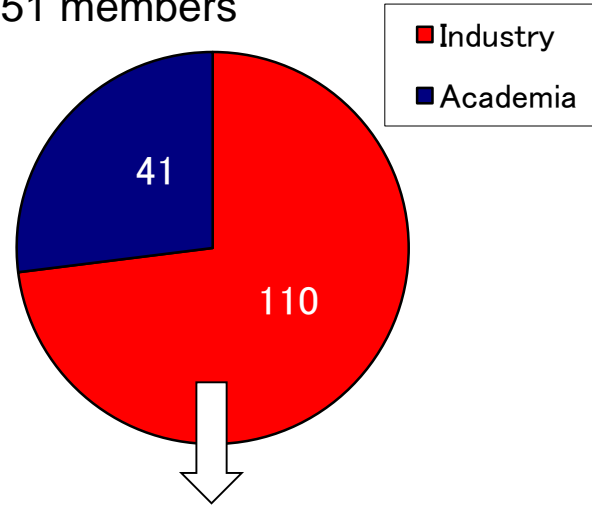
Member of AAA



76 members



151 members



Members have doubled since establishment and their business area become to diversify.

Organization



Eternity Supreme Advisor :
The late Kaoru Yosano

Supreme Advisor :
Takeo Kawamura
Executive Advisors
Hiroya Masuda
Hiroaki Takahashi
Senior Advisors :
Yoichi Tao
Junichi Nishiyama
Masao Ninomiya
Toshiyuki Sakamoto

Secretariat
Secretary General:
Masanori Matsuoka

Honorary Chair:
Masatoshi Koshiba
Nobel prize in Physics 2002

Chair :
Takashi Nishioka
Vice Chair:
Atsuto Suzuki

General Meeting
Corporate Organizations
and Institutional Organizations

Board of Directors

Representative Director: Takashi Nishioka (MHI)
Director: Atsuto Suzuki (Iwate pref. University)
Director: Masanori Yamauchi (KEK)
Director: Yuzo Onishi (Kyoto Univ.)
Director: Mamoru Hatazawa (Toshiba)
Director: Hiroto Uozumi (Hitachi)
Director: Koichi Orito (MELCO)
Director: Masahiro Inagaki (Kyocera)
Auditor: Sachio Komamiya (Univ. of Waseda)

Technology Study Gr.
Leader: Hitoshi Hayano

Outreach Gr.
Leader: Hiroyuki Yoshizumi

Project Promoting Gr.
Director: Yuzo Onishi
Leader: Satoru Yamashita

New Group.!

- Promoting the international collaboration through events with Diet members
- Studying how to create an appropriate science town for the ILC
- Studying safety and environment issue etc.

- Introduction
- **AAA activities**
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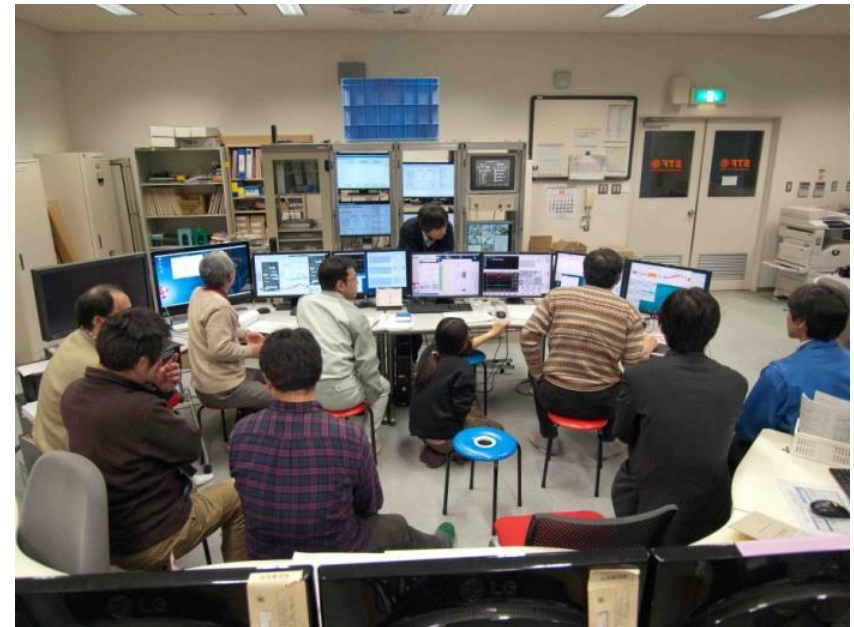
Activities for members



- 57 Seminars (ILC status, Accelerator technology)
- Working group
 - Superconducting Accelerator WG
 - Green ILC WG
- Visit to Accelerator Lab.(CERN, KEK)
- Operation training of superconducting accelerator
- Company presentation at IEEE and LCWS in 2016

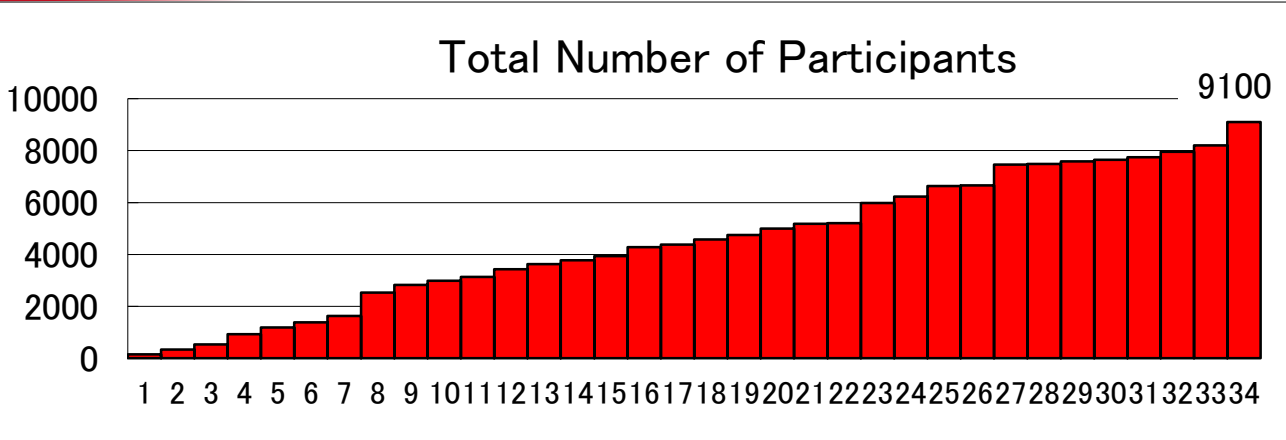


Visit to CERN



Training at KEK (STF)

Symposiums at the various cities in Japan



No.17 Washington, D.C.
 No.22 Washington, D.C.
 No.26 Washington, D.C.
 No.28 Washington, D.C.
 No.30 Spain

No.11 Sapporo

Participants

- 100-199
- 200-299
- 300-399
- 400-499
- 500-

No.4 Fukuoka
No.9 Fukuoka
No.13 Fukuoka

No.3 Hiroshima

No.6 Kyoto

No.15 Matsumoto

No.18 Niigata

No.7 NAGOYA

No.8 Oushu
No.23 Oushu
No.27 Oushu
No.33 Oushu

No.2 Sendai
No.16 Sendai

No.21 Tsukuba

No.19 Tokyo
No.20 Tokyo
No.24 Tokyo

No.1 Tokyo
No.5 Tokyo
No.10 Tokyo
No.12 Tokyo
No.14 Tokyo

No.25 Tokyo
No.29 Tokyo
No.31 Tokyo
No.32 Tokyo
No.34 Tokyo

Symposiums on Advanced Accelerator



M. Yoshioka



R. D. Heuer



A. Suzuki



M. Tsujii



S. Komamiya



H. Yamamoto



M. Ie



H. Murayama



B. Barish



D. P. Poneman



T. Masukawa

The latest event for publicity in Japan



Cloud Chamber Experiment by children with their parents.



Lineaco Rider Hero TV Character



ILC Symposium in Tokyo in August, 2018
Special talks by S. L. Glashow and B. Barish

- We promoted some events for children related to the ILC.
- Nobel Laureates made speeches at ILC Symposium in Tokyo this summer
- ILC goods were sold at ALCW2018, ILC Symposium and other academic conferences hosted by Particle Accelerator Society of JAPAN.



To Get Public Support



LINE (SMS Application for Smart phone or PC)



Proposer: Mamoru Oshii



Committee of 100 on ILC



International events(USA)



US-Japan Advanced Science and Technology Symposium in Washington DC in 2013



The US-Japan Public and Private Partnership in Science and Technology, in Washington DC in 2017



Paul M. Dabbar, Under Secretary for Science , DOE had discussion with Japanese Diet Members in Tokyo 10th Oct. 2018.

ホーム モーメント

Paul Dabbar
 @ScienceUnderSec フォローする

Enjoyed my meeting at the Diet's Tokubetsu-shitsu with former ministers & current Diet members. Thanks for taking the time out of your schedules to explain the current support for ILC & the long history of collaboration between @doescience & the Japanese scientific community.

Paul Dabbar
 @ScienceUnderSec

U.S. Department of @Energy, Under Secretary for @doescience, Former Nuclear Submarine Officer, US Naval Academy & Columbia grad, Proud husband & father of 2

Twitter 登録し
りまし



International events(EU)



Collaboration Opportunities on Fusion and Accelerator Technologies and Projects, between Spanish and Japanese Organizations in 2016



2016 IEEE NSS/MICRTSD in Strasbourg



Meeting between Hon. Becht and Mr. Nishioka in Tokyo in May, 2018



Meeting in Paris

Meeting in Berlin



Diet Members visited France and Germany to have meetings with Parliament members in January, 2018

New Cabinet of Japan Started in October



Visit to Hon. Hirai, Minister of State for Science and Technology Policy

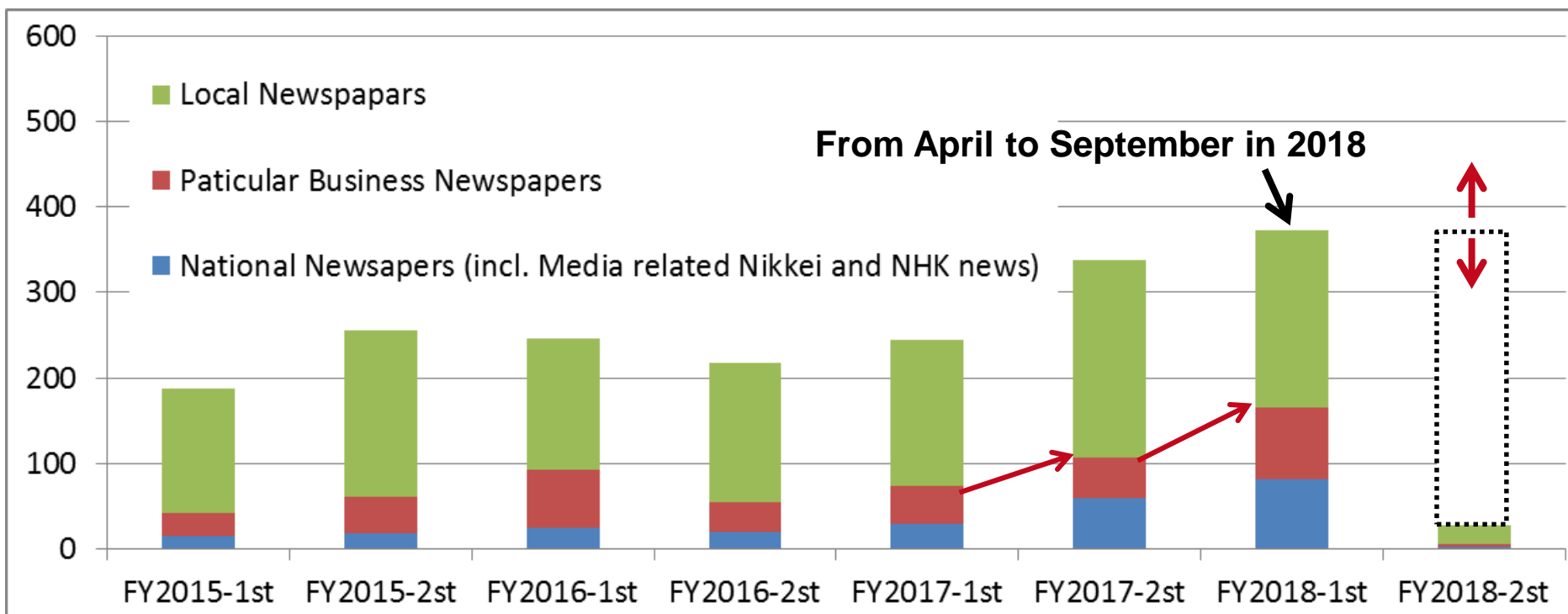


Visit to Hon. Shibayama, Minister of MEXT

- LDP Diet members visited two new ministers on 17, October.
- They submitted the document of “Resolution toward realization of ILC” to ministers.



Newspaper Articles related to ILC



- Articles in national newspapers related to the ILC are increasing recently.

- Topics are ;

November, 2017 : ILC250 released by the international committee

May, 2018 : Fukuoka Statement

June, 2018 : Committee of 100 on the ILC and ILC supporters

August, 2018 : Nobel Scientists Symposium in Tokyo

August, 2018 : Science Counsel of Japan started the deliberation for ILC

September, 2018 : Resolution toward realization of ILC by LDP

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In order to get Public Support ...

Through our activity, we continue to inform the public of not only scientific significance of ILC but also the other benefits.

Local economical Impact

Economical effect from International academic city

Technology Improvement

technology improvement by tackling the cutting edge manufacturing

Human Resource

Gathering superior people from all over the world and pushing up our educational level, especially science field

Creating New Market

New products and new market created from ILC technology

Innovation

The new idea from ILC leading to innovation beyond our imagination

... and we insist that the ILC can contribute to “Society 5.0” through realizing a new science town and creating new technologies derived from the ILC.

*) Society 5.0 is the following society of the information society and is one of the important measures for Japanese government policy for science and technology.



- Introduction
- AAA activities
- **Summary**



- We have been making activities for realization of the affluent future with advanced accelerators since 2008.
- AAA have been promoting the ILC and other accelerator project in Japan through symposium, events for children and so on.
- AAA would focus on;
 - ① getting the public support for the ILC
 - ② promoting international collaboration of ILC
 - ③ studying how to move the ILC forward in collaboration with Diet Members
 - ④ helping academia for answering the questions from the Science Counsel of Japan