

Input from Japan

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New management of KEK

- **Atsuto Suzuki : Director General**
 - Former vice president of Tohoku University
- **Fumihiko Takasaki : Director of IPNS**
 - Former deputy director
- **Osamu Shimomura : Director of IMSS**
 - From Spring-8
- **Yukihide Kamiya : Director of Accelerator Facilities**
 - continuance
- **The new DG will succeed the basic policy of “The Future Visions of KEK” that is compiled in the briefing book of the strategy group.**



Accelerators at KEK

- **Ongoing : KEKB, PF**
 - PS was shut down in 2005.
 - KEKB: Current goal is to accumulate 1 ab⁻¹
- **Under construction : J-PARC**
 - Will deliver neutrinos and kaons for particle/nuclear physics
 - And muons and neutrons for material science (+ particle physics)
 - First beam is scheduled in 2008, T2K will start in 2009.
 - Proposals for Day-1 experiments have been called for.
- **In preparation : ILC, Super-B, ERL**
 - Critical decision will be made in 2007 or 2008, ILC or Super-B.
 - Both will be built by international collaboration.
 - ERL promotion office has been set up in April.
 - Some R&D items are common with ILC
 - Feasibility study until 2009 in collaboration with other institutes.

Centralisation and Diversity

- **Any future energy/luminosity frontier colliders will be realized by world-wide effort**
 - International cooperation is inevitable.
 - Coordination/endorsement of ICFA is desirable.
- **A variety of physics opportunity will be provided by multi-purpose facilities such as J-PARC**
 - Ex. J-PARC for particle/nuclear and material science as well as industrial application.
 - Medium/small-sized accelerator/non-accelerator experiments including astroparticle experiments are needed to maintain healthy and vital activities of the whole HEP community.
 - They also serve as “an incubation center” to foster young scientist.
 - Frontier colliders: collaboration is too big and the period is too long for students/post docs.

ILC

- **Globalisation is in progress**
 - ILCSC, GDE, WWS, FALC, EuroTeV/EuroDET
 - ATF-MoU was signed in 2005.
 - CERN, China, Germany, Japan, Korea, UK, US
 - Major accelerator labs around the world + universities
 - ATF is operated according to the ICFA guideline.
 - Additional participation from EU is highly welcome.
 - New ILC-specific (physics&detector) budget
 - ~300M JYN for 5 years
 - Although each country/region/institute may need to claim their leadership to respective funding agencies,
too much emphasis on the leadership/dominance of one country/region/institute may endanger the whole project.
 - ILC could be a symbol of international cooperation.

Possible Scenarios of KEK

- **Version 1**
 - Based on the early start of ILC
- **Version 2**
 - Based on the delayed start of ILC
- **Plus,**
 - Astro-particle physics ?
 - Expanding the research field is under consideration.

- **I wish there will be fruitful discussions at Zeuthen.**
- **A tremendous effort may be needed for the strategy group to reach a consensus, but I believe European colleagues will accomplish this difficult task with profound wisdom.**
- **Now we enter a new epoch when the strategy of each region is closely related.**
- **We should realize that we go on board the same ship.**

Thank you for your attention