



ILC status

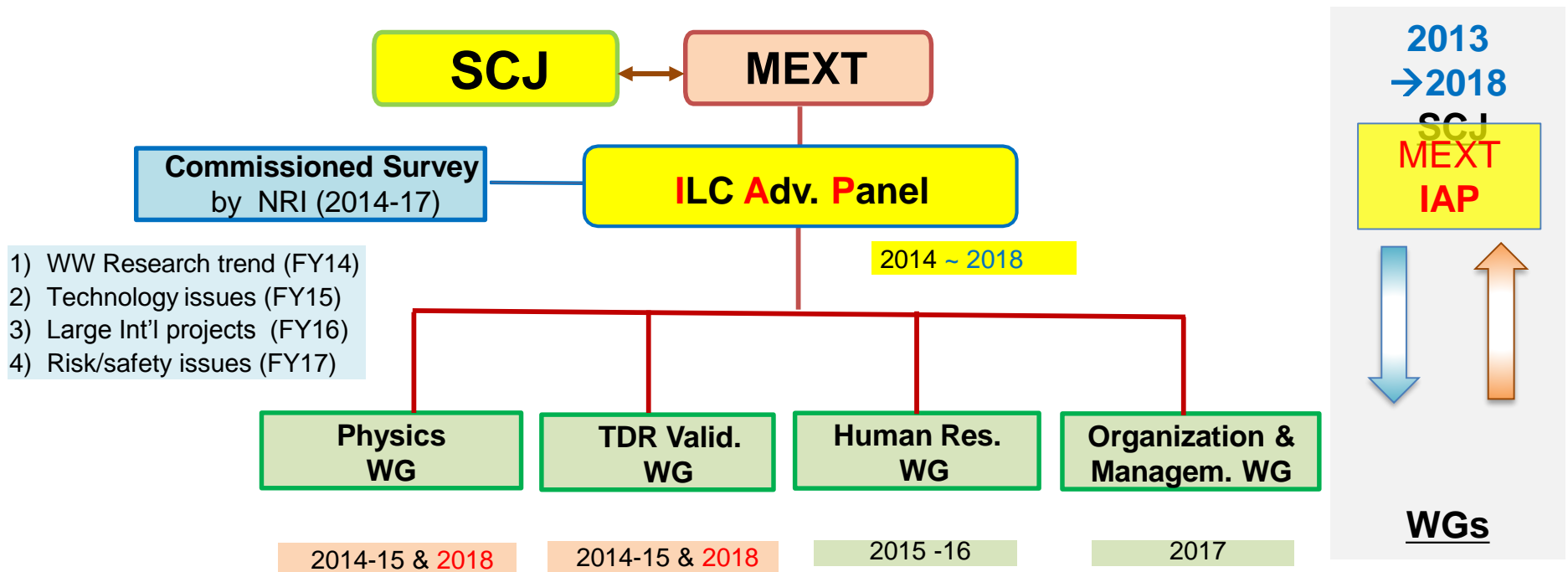
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ILC Investigation by SCJ and MEXT



- Physics WG, and TDR Validation WG re-organized to evaluate **ILC-250GeV**.



IAP report

http://www.mext.go.jp/component/b_menu/shingi/toushin/_icsFiles/afieldfile/2018/09/20/1409220_2_1.pdf

The report collects facts, no opinions, recommendations or advice.



- 4th main committee: Sep. 11 (Tue.) 10AM-12AM (Closed session)
- 5th main committee + sub committee: Sep.18 (Tue.) 10AM-12AM
- 6th main committee: Oct.1 (Mon.) 1PM-4PM
- 7th main committee+ sub committee: Oct.10 (Wed.) 1PM-4PM (after hearing, move to closed session)
- 8th main committee+ sub committee: Oct.16 (Wed.) 10AM-12AM (after hearing, move to closed session)



ILC Coordination Council

- **Leading figures in the Liberal Democratic Party, not cabinet members but with strong influence.**
- **Federation of Diet members.**
- **AAA (Industry)**
- **Tohoku think tank.**
- **They ended their first meeting with a statement.**



- **ILC should be promoted as a “National Project”.**
- **Budget has to come from outside the normal MEXT budget.**



Texas statement (1)

October 26, 2018

Statement on the ILC Higgs Factory

Scientists from all over the world are now gathering together at the International Linear Collider workshop held in Arlington Texas (LCWS2018) with a firm determination to make the ILC a reality. We hereby issue this 'Texas Statement' with unshakable conviction on its scientific case and to express our strong commitment to do whatever necessary for its success.



Texas statement (2)

The ILC is the right experimental facility to lead our understanding of the Universe to a new stage.

The ILC project has been developed by an international collaboration over three decades. We conceived it as the machine to lead the era of particle physics at the Tera scale with the Higgs particle as the centerpiece. The discovery of the Higgs particle by the LHC fixed the needed energy, and we now have a concrete plan for the ILC Higgs factory. Subsequent measurements at the LHC further reinforced the importance of the precision Higgs studies. Based on the findings of the precision Higgs study, the collision energy of the ILC can be upgraded to the optimal energy with reasonable cost. Throughout its period of development, our original motivation has become increasingly clearer and stronger.



Texas statement (3)

The ILC is a source of new innovative technologies.

We also pride ourselves in the technology for the ILC. Global collaboration has made enormous progress in the development of the superconducting acceleration technology, improving its performance by quantum leaps. This technology, developed for the ILC, is now essential, for example, for the current state-of-the-art X-ray and neutron facilities. More innovations broadly benefitting science are in store as we proceed along our path.



Texas statement (4)

This is the time to move forward.

The international community represented by the participants of LCWS2018 is committed to doing anything needed to bring the ILC to its fruition. Once the expression of intention to host the ILC is issued by the Japanese government, we will greatly expand our own efforts and act on our respective governments ever more intensively to help achieve the necessary international agreements. We eagerly await the signal to proceed and, when the ILC start its data taking, we will be there to carry through on its promise.

Lyn Evans

LCC Director

For scientists attending LCWS2018