

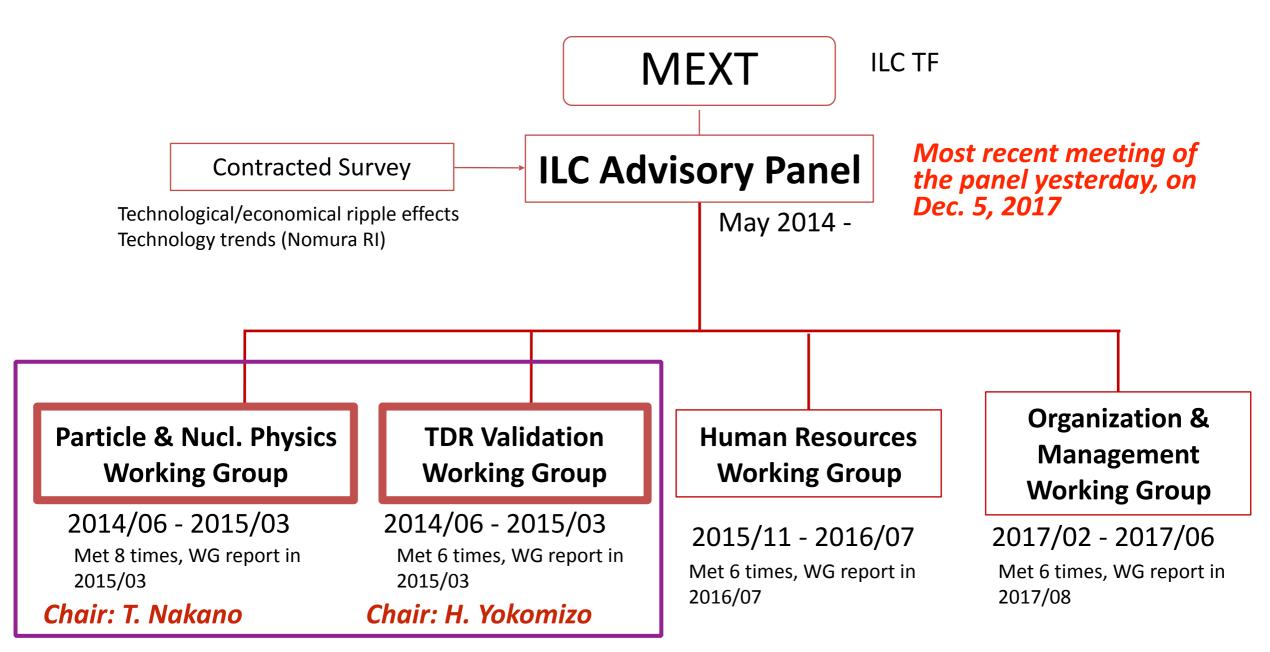
Report from Physics WG

Keisuke Fujii on behalf of the Physics WG December 20, 2017

MEXT Review

ILC Advisory Panel

Set up in May 2014 under MEXT ILC Task Force to investigate various issues concerning the possibility of hosting the ILC in Japan



New round will start from January 2018.

It is not yet clear what kind of questions will be asked by the MEXT physics WG, but judging from what was asked yesterday, at least the following is expected:

- What has changed since the 2015 interim summary.
- What would be lost by lowering the energy to 250 GeV?
- Range of validity of EFT and what would we do if EFT is not valid?

LCC Physics WG

The role of positron polarization for the inital 250 GeV stage of the International Linear Collider

LCC Physics Working Group

Keisuke Fujii¹, Christophe Grojean^{2,3}, Michael E. Peskin⁴ (Conveners); Tim Barklow⁴, Yuanning Gao⁵, Shinya Kanemura⁶, Hyungdo Kim⁷, Jenny List², Mihoko Nojiri^{1,8}, Maxim Perelstein⁹, Roman Pöschl¹⁰, Jürgen Reuter², Frank Simon¹¹, Tomohiko Tanabe¹², James D. Wells¹³, Jaehoon Yu¹⁴; Mikael Berggren², Moritz Habermehl^{2,15}, Robert Karl^{2,15}, Gudrid Moortgat-Pick¹⁵, Sabine Riemann¹⁶, Junping Tian¹², Graham W. Wilson¹⁷; James Brau¹⁸, Hitoshi Murayama^{8,19,20} (ex officio)

Jenny made tremendous effort into this, expected to be out soon.

Physics focus schedule

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Dec. 20: BSM/NP (KF)
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Jan. 10: Top/QCD (Jenny)

Jan. 17: Higgs/EW (Frank)

Jan. 24: BSM/NP (Akiya)

Jan. 31: Top/QCD (Jenny)

Feb. 7: Higgs/EW (KF)

Feb. 14: BSM/NP (Frank)

Feb. 21: Ichinoseki ILD Meeting

Conveners' ML:

<u>ild-physics-conveners@desy.de</u>

Use this mailing list to send your talk request.