

# ***TDR validation WG report***

Shin MICHIZONO (KEK)

# ILC Advisory Panel in MEXT

1<sup>st</sup> survey of technological spin-offs and Research trends (FY2014)  
2<sup>nd</sup> survey of technology issues (FY2015)

MEXT

Under ILC TF headed by State Minister of MEXT

Research contract

**ILC Advisory Panel**

Next: May 31

Established in May 2014

**Particle and Nuclear Physics Working Group**

Re-established in Jan. 2018

- 1<sup>st</sup>: Jan.18
- 2<sup>nd</sup>:Feb. 5
- 3<sup>rd</sup>: Mar.1
- 4<sup>th</sup>: Apr. 13
- 5<sup>th</sup>: May 16 (final)

**TDR Validation Working Group**

Re-established in Jan. 2018

- 1<sup>st</sup>: Jan.30
- 2<sup>nd</sup>:Mar. 2
- 3<sup>rd</sup>: Mar.22
- 4<sup>th</sup>: Apr. 19
- 5<sup>th</sup>: May 17 (final)

**Human Resources Working Group**

Established in Nov. 2015

**Organization and management Working Group**

Established in Feb 2017

# TDR validation WG

- 4<sup>th</sup> TDR validation working group on Apr.19
  - CFS (continued)
  - Q&A at 3<sup>rd</sup> TDR WG
  - Discussion about the report to ILC advisory panel
- 5<sup>th</sup> TDR validation working group on May 17
  - Discussion about the report to ILC advisory panel

Next Advisory panel will be held on May 31 and June xx.  
(after the ILC Advisory panels, MEXT will ask science council, I think. Maybe ~3months will take place to receive reply from science council.)

# TDR validation WG 1<sup>st</sup>~3<sup>rd</sup>

- 1<sup>st</sup> TDR validation working group on Jan.30

## Open session

- ILC500 and ILC250 overview (similar to AWLC2017)

## Closed session

- Cost of ILC250 (TDR base) (similar to LCB/ICFA)
- Issues pointed out at previous TDR WG (on 2015)

- 2<sup>nd</sup> TDR validation working group on Mar.2

## Open session

- Survey of the risks

## Closed session

- ILC250 cost (2017base in Japanese yen)

- 3<sup>rd</sup> TDR validation working group on Mar.22

## Open session

- Research on Cost Reduction of the International Large-scale Accelerator-based Facility
  - N-infusion
  - Directly sliced Nb material etc.

## Closed session

- Beam dump and decommissioning
  - > reported by Nobuhiro at previous TCMB
- Q&A at 1<sup>st</sup> and 2<sup>nd</sup> TDR WG
  - > decommissioning cost, CFS, etc.