

topical meeting on

Advanced jet flavour tagging

hosted by:

ILC-Japan physics working group

convener: M. Ishino (U. Tokyo), T. Suehara (Kyushu U.)

IDT-WG3-software group

convener: F. Gaede (DESY), D. Jeans (KEK), J. Strube (PNNL)

JAHEP

高エネルギー物理学研究者会議

<https://ilc-japan.org/>

ILC-Japan

Spokes Person

浅井祥仁(東大)

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* コアメンバー

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International Acc. R&D TF

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<https://agenda.linearcollider.org/category/283/>

ICFA

ILC International Development Team

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Working Group 2 Chair Shinichiro Michizono (KEK)
Executive Board Chair and Working Group 1 Chair Tatsuya Nakada (EPFL)
KEK Liaison Yasuhiro Okada (KEK)
Europe Liaison Steinar Stapnes (CERN)
Asia-Pacific Liaison Geoffrey Taylor (U. Melbourne)

Working Group 1
Pre-Lab Setup

Working Group 2
Accelerator

Working Group 3
Physics & Detectors

International Expert Panel

Decision Process for a global project applicable to the ILC

<https://linearcollider.org/team/wg3/>

Machine-Detector Interface

Detector & technology R&D

Software and Computing

Physics potential and opportunities

Speaker Bureau

First of a series of topical meetings on software / reconstruction / computing

→ aim for a meeting every 2 or 3 months, at least initially


→ keep meetings short ~1 h : do not try to be exhaustive

Aim is to encourage interaction between people working on similar tasks in different contexts

→ invite speakers & audience from Higgs Factory experiments, LHC, ...

Suggestions for future meeting topics are welcome

23:00 → 23:05 **Introduction**

 jettag-topical-meeti...

23:05 → 23:15 **current state of the art: LCFI+**

Speaker: Taikan Suehara (Kyushu University)

23:20 → 23:35 **Graph neural network based flavor tagging at LHC**

Speaker: Sanmay Ganguly (U. Tokyo)

23:40 → 23:55 **Advanced flavour tagging: (from ILC)**

Speaker: Mareike Meyer (DESY)