

ILD Software and Optimization Workshop

Monday 22 February 2016 - Friday 26 February 2016

DESY Hamburg

Scientific Programme

Software topics

readiness and validation of ILD simulation model(s) in DD4hep

status of DD4hep based reconstruction

readiness and validation of tracking and PFA

iLCSoft installations in cvmfs

production with ILCDirac

generators

high level reconstruction tools

particle-ID (dEdx, shower shapes,...)

pi0 finders

jet finders and flavor tagging

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Optimization topics

tracking detectors

V0 and kink finders

layout and technology

dEdx and particle-ID

vertex finding/vertex charge

calorimeters

particle flow performance

layout and technology

forward region

new layout (changed L^*)

background and occupancies

overall detector layout

realism of software

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