

# Software Coordinators Report

ILD Software and Analysis Meeting

17.08.22

Frank Gaede, DESY

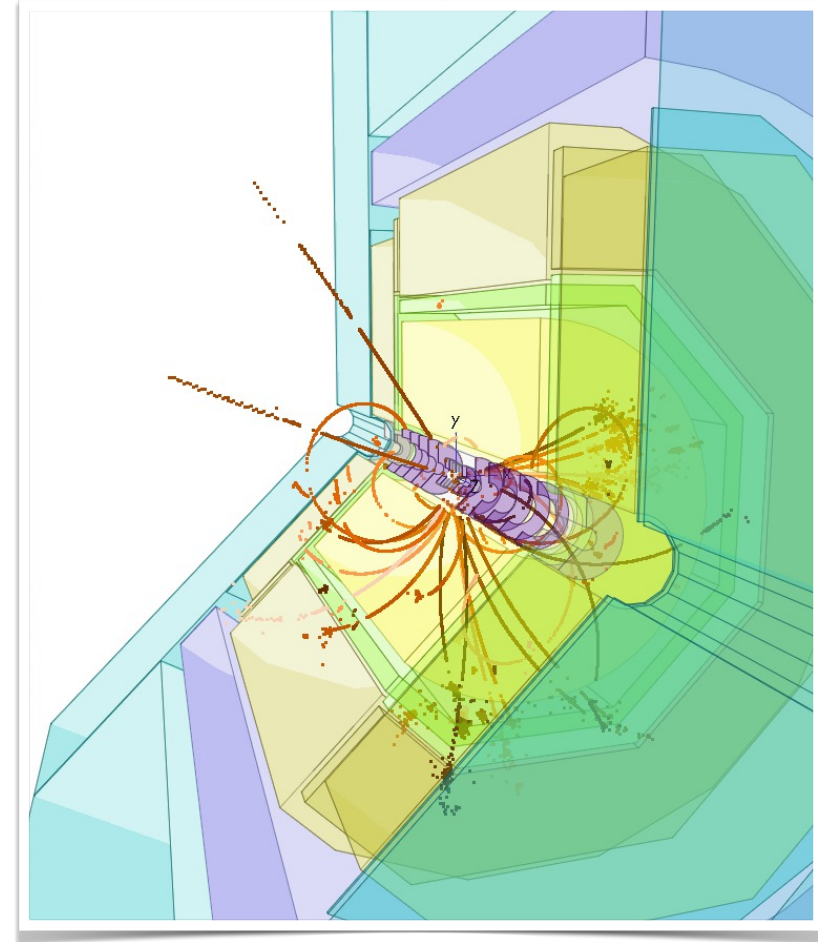


# Outline



- Generator
- Simulation
- Reconstruction
- Monte Carlo Production

report from SW convenors meeting last Friday



# Generator

M.Berggren



- Whizard authors planning a **User Meeting around the ECFA workshop in Hamburg**
- working on **Pythia 8 interface**
  - post doc (Zhijie) working on this
  - comparing JER for Pythia6 and Pythia 8 (different tunes)
- issue in Whizard interface to Pythia 8
  - missing output for hadronisation
  - authors are informed but might take some time
- would like to use Pythia 8 for ILD in the future
  - better treatment of QCD matching
- MB discovered issue w/ long lived BSM particle ( $Z'$ /dark photon) and ddsim/Geant4
  - particle not tracked properly to the pre-assigned decay vertex
  - found a **'working solution'**

# Reconstruction

T.Madlener



- no news on reconstruction
- prepared iLCSoft developers release v02-03
  - to be installed in cvmfs soon
- see talk in this meeting

# Monte Carlo Production

H.Ono



- 2f hadronic 500 GeV production is ongoing/  
resumed
  - after KEK-CC summer shutdown finished
- will keep DST only
  
- R.Yonamine will also resume the recently started  
production of Bhabhas