

# LCFIPlus expansion

- DBD LCFIPlus has been successful
- NIM paper will be submitted very soon (just after English improvement)
- LCFIPlus moves to the next step with expanded collaboration
  - Jan and Masakazu already joined
  - **Anyone interested is highly welcome**
  - We have a developer's repository (git) as well as public repository in `svnsrv.desy.de`

# LCFIPlus Plans

- Automatic creation of jprob/bcqprob (TS)
- Pair background (Jan)
- Jet clustering – overlay tagger  
FastJet inclusion? (Tomohiko)
- Vertex charge optimization (volunteers?)
- Better lepton ID / PID (Masakazu)
- $\pi^0$  tagging using w / wo conversion (Masakazu)
- More optimization on (volunteers?)
  - Fewer tracks (1+1 etc)
  - Vertices nearer to IP (current cutoff: 300  $\mu\text{m}$ )
- Other ideas (with manpower) very welcome!