

Mokka – status report

- News concerning the last two releases
 - mokka-07-07-p01
 - new branch mokka-07-07-p02-pre

ILD Software WG phone meeting - Dec 14th, 2011

mokka-07-07-p01 (I)

- I. Improvements of the VXD driver
(Georgios Gerasimos Voutsinas)
 - realistic VXD implementation (driver vxd07)
 - follows the description from Yasuhiro Sugimoto
 - details at [http://lir.in2p3.fr/~musat/VXD/Yasuhiro Sugimoto/VTX_design110823.pdf](http://lir.in2p3.fr/~musat/VXD/Yasuhiro_Sugimoto/VTX_design110823.pdf)
 - Currently only the inner part of the VXD is improved.

mokka-07-07-p01 (II)

- II. New AHCal implementation with Videau geometry of the Barrel (driver SHcalScV01) (Shaojun Lu)
 - new sensitive detector for the 'A la Videau' barrel filled with scintillator sensitive layers.
 - the EndCaps and EndCapRings are identical to SHcalSc03.

mokka-07-07-p01 (III)

III. New development detector model 'ILD_01_dev' (Steve Aplin)

Based on ILD_01pre02, with the following changes:

- sit_simple_planar instead of SSit04,
- ftd_simple_staggered instead of SFtd10
- set_simple_planar instead of SSet03
- and SEtd03 removed

mokka-07-07-p02-pre (branch)

- Thanks to Frank Gaede, Mokka has a new scheme for reading generator (stdhep) files with LCIO
- Thanks to Shaojun Lu, Mokka AHCAL drivers SHcalScV01 and SHcalSc03 have new endcap geometry