

News and Plan

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Detector and New Physics Meeting

News

- RD50/ATLAS (HGTD): Join the sensor R&D for LGAD
<https://indico.cern.ch/event/754040/>

Currently: Ryuta/Suyu/Xin

- ATLAS: next ITk week at Oxford 9/24-9/28
<https://www.physics.ox.ac.uk/confs/ATLASITk2018/index.asp>

- BESIII: Workshop 9/10-9/13
<https://indico.ihep.ac.cn/event/8418/>

- CEPC: CDR will be released at the end of Sept.

Plan

ATLAS

1. Module production
 - ☐ SS13(wait for powerboard) ready for stave
 - ☐ SS14(wait for powerboard) ready for stave
 - ☐ SS15(wait for assembly) ready for stave
2. Document
 - ☐ release electric test SOP 1st version
3. Cleanroom
 - ☐ list the purchase items for new cleanroom
 - ☒ pull tester investigation
 - ☐ slim wedge
4. investigator1 test
 - ☐ finish Investigator1 test (without radiation) using TCT system
 - ☐ script for focus adjustment and scan image
5. HGTD
 - ☐ LGAD sensor testing setup
 - ☐ Simulation TCAD + WF2

BESIII

1. Jpsi to invi
 - ☐ check difference between 2012 and 2009 data (suggestion from Liu Fang)
 - ☐ feedback to Liu Fang
 - ☐ receive and try to reply referee's comments
 - ☐ face-to-face discussion with referee
2. Chic to gam lepton lepton
 - ☐ use event display
 - ☐ nGoodCharged.
 - ☐ momentum of charged tracks
 - ☐ nshow, nGoodShw, momentum of good showers
 - ☐ save McTruth-->Topology
3. Etac to inv.
 - ☐ first version upper limit
 - long term optimization for next version
 - ☐ etac amplitude in generator
 - ☐ kinematic fit improve resolution of signal distribution
4. ChicJ to Sigma p Ks
 - ☐ Update the memo
 - ☐ Give a report on the workshop

CEPC

1. CMOS Pixel Sensor JadePix1
 - ☐ Analysis of data taken @ DESY -- temporally put here, need further discussion
 - ☐ B11-16 discussion ? (but real works can not be expected in this month)
2. CEPC Higgs Analysis
 - ☐ Continue Hig2inv
 - ☐ Continue Hig2zz

Team Rule !

<http://xteam.ihep.ac.cn/docs/rule/>