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ALICE Grenoble working twiki

Links to ongoing projects from the ALICE Grenoble group

Contact : ALICE_PHYS-L@lpscNOSPAMPLEASE.in2p3.fr mailing list

NEW EMCal L1 trigger project twiki

Data @ LPSC

- DataLPSC

L1 trigger

software

description

summary of what has been done, is being done, todo

link to the project area

Rates and efficiency

Description

- Estimate the best patch size and threshold given the trigger rates limits and efficiency optimization

Summary

- *summary of what has been done, is being done, todo*

link to the project area

- Progress is being documented here [EMCalL1Trigger](#)
- [trigger twiki 2011 for PbPb link](#)

QA

Description

- Validate the trigger offline (and online)
 - ◆ clusters
 - ◆ jets

Summary

- *summary of what has been done, is being done, todo*
- **Brainstorming on plots** : first draft of plots based on [AliESDCaloTrigger](#) (talk QA 07072011)

link to the project area

- Progress is being documented here [EMCalL1TriggerQA](#)
- [calib 2012](#)

Calibration

description

summary of what has been done, is being done, todo

link to the project area

Analysis

Pi0

description

summary of what has been done, is being done, todo

link to the project area

- [Pi0CaloAnalysis](#)

Photon

description

summary of what has been done, is being done, todo

link to the project area

- progress is being documented here [PhotonAnalysisGrenoble](#)
- Analysis correlation
 - ◆ Analysis description : official twiki
 - ◇ discussions here
 - ◆ Task list here
 - ◆ tentative de task here (obsolete)

Jets

description

summary of what has been done, is being done, todo

link to the project area

Group meeting

links to agenda and presentations

- agenda and minutes
- Etudiants Stagiaires 2012-2013

Biblio

arxiv links, presentations, or other interesting sources

General

- Presentation d'ALICE sur le site du labo : [ici](#)
- EMCAL TDR (technical design report) [link](#) or [direct link](#) : calorimeter information
- EMCAL PPR (Physics Performance Report) [new link](#) : physics accessible with the EMCal (2008 simulation)
- EMCAL beam test NIM paper [link](#)
- ALICE PPR : [link](#)
- EMCAL basics : [link](#)
- Physics forum Jan 2012 [link](#) : summary of status PWG analysis

- How EMCal works
- Shower Shape old paper

Analysis

Pi0 et Photon, Correlations

- **Thesis**
 - ◆ Gustavo Conesa [link](#) *Identification de particules et de processus durs dans le spectromètre PHOS de l'expérience ALICE*
 - ◆ Raphaëlle Ichou [link](#) *Étude de la production de photons isolés en collisions proton-proton avec le calorimètre EMCal de l'expérience ALICE au LHC*
 - ◆ Yaxian Mao [link](#) *Particle correlation*
 - ◆ Nicolas Arbor [link](#) *Etude de la fragmentation des partons par la mesure de corrélations photon-hadron auprès de l'expérience ALICE au LHC*
- **Analysis note**
 - ◆ particle correlation analysis note
- **Talks et proceedings**
 - ◆ QM2012 AN correlation [link](#)
 - ◆ QM2012 correlation [link](#)
 - ◆ proceedings N. arbor [link](#)
 - ◆ Direct link proceedings N. Arbor QM-2012 [link](#)
 - ◆ Direct link proceedings N. Arbor LHCP-2013 [link](#)
- **Articles**

- ◆ pi0 p-p paper [↗](#)
- PWG GA
 - ◆ orga : plan for 2012 [↗](#)
 - ◆ twiki
 - ◆ Photon correlations twiki : link
- **Twiki** Conversion Gamma link
- **Relevant papers**
 - ◆ CMS results Measurement of isolated photon production in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, CMS [↗](#)
 - ◆ Event-mixing for 2-particle correlations CERN Physics Club 20 December 2013 [↗](#)
 - ◆ Shower Shape old paper

Jet

- **Thesis**
 - ◆ Guenole Bourdaud link [↗](#) *La Physique des gamma-jets avec le calorimètre EMCal de l'expérience ALICE au LHC*
- PWG_JE plans for 2012 [↗](#)

Stagiaires

2014

- AstridLogbook

2013

- StageStefano
- StageAlbanFF
- StageAlban QA
- ReunionsHebdomadairesStagiaires2013

- les rapports des M1 en stage chez nous en 2012 article Mavel, article Virot
- et du M2 en stage en 2012 rapport Firas

- Et un lien vers ROOT root [↗](#)

Miscellaneous

- LBNL twiki link [↗](#)
- ALICE USA link [↗](#)

-- CatherineSilvestre - 19-Jul-2011

This topic: Main > AliceGrenoble

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