

LHC Masterclass Plans

- Timeline
- Priorities
- ATLAS
- CMS

Timeline

- 20 October - Invitation/Notification
- 17 November - Schedule
- January-February - EVO Testing
- 4–26 March - International Classes
- 12–26 March - U.S. Classes

LHC Masterclass Priorities

One working analysis

- ATLAS – W & Z preferred; W path acceptable
 - 2 classes with 2 video conferences
- CMS – W/Z preferred; J/Psi acceptable
 - 1 class with 1 video conference
- W masterclass day with ATLAS & CMS data
 - 2 classes with 1 video conference

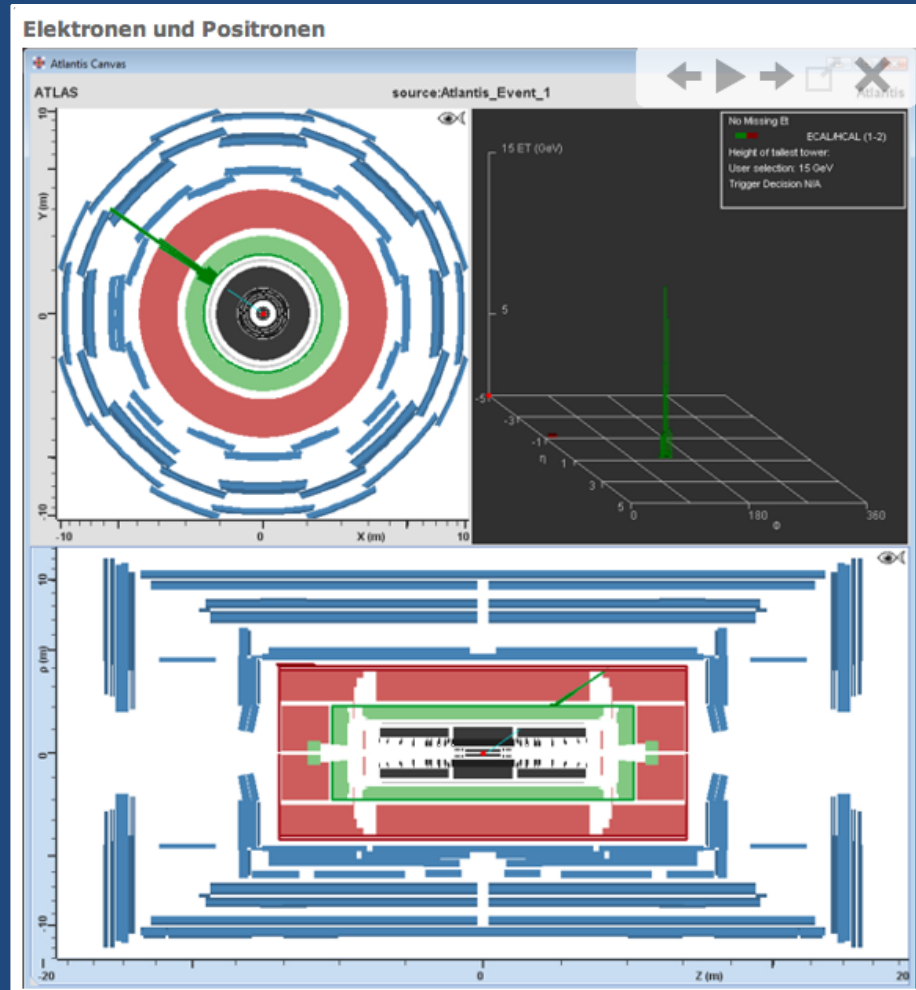
LHC Masterclass Elements

For both ATLAS and CMS

- Real data: make official requests
- Website/wiki
- Analysis tool

ATLAS Masterclass

www.cern.ch/kjende/index_EN.htm



ATLAS Masterclass

[www.cern.ch/kjende/index EN.htm](http://www.cern.ch/kjende/index_EN.htm)

- W & Z paths
- Data - rules
 - Describe usage – get permission
 - May use up to 200 signal events on the web
 - Up to 500 background events on the web
 - 10 groups of 50 events
 - Post-usage report

ATLAS Masterclass

www.cern.ch/kjende/index.htm

- Data - rules
 - What are publication limitations?
 - Can we put data on a DVD?
- Higgs events along with the real data
- Website – (exercises, measurement + material for students outside an institute)
 - Multiple languages
 - W well along; Z not started
- Analysis Tool – MINERVA

CMS Masterclass

http://quarknet.us/library/index.php/CMS_Masterclass_Pre-Alpha

- W & Z and/or J/Psi paths
- Data - rules
 - J/Psi & Upsilon; some data in hand
 - J/Psi to di-muons; would like di-electrons & jets
 - W & Z after CMS has published (winter conference)
 - Ask for official sample
- Data timeline should not be under estimated

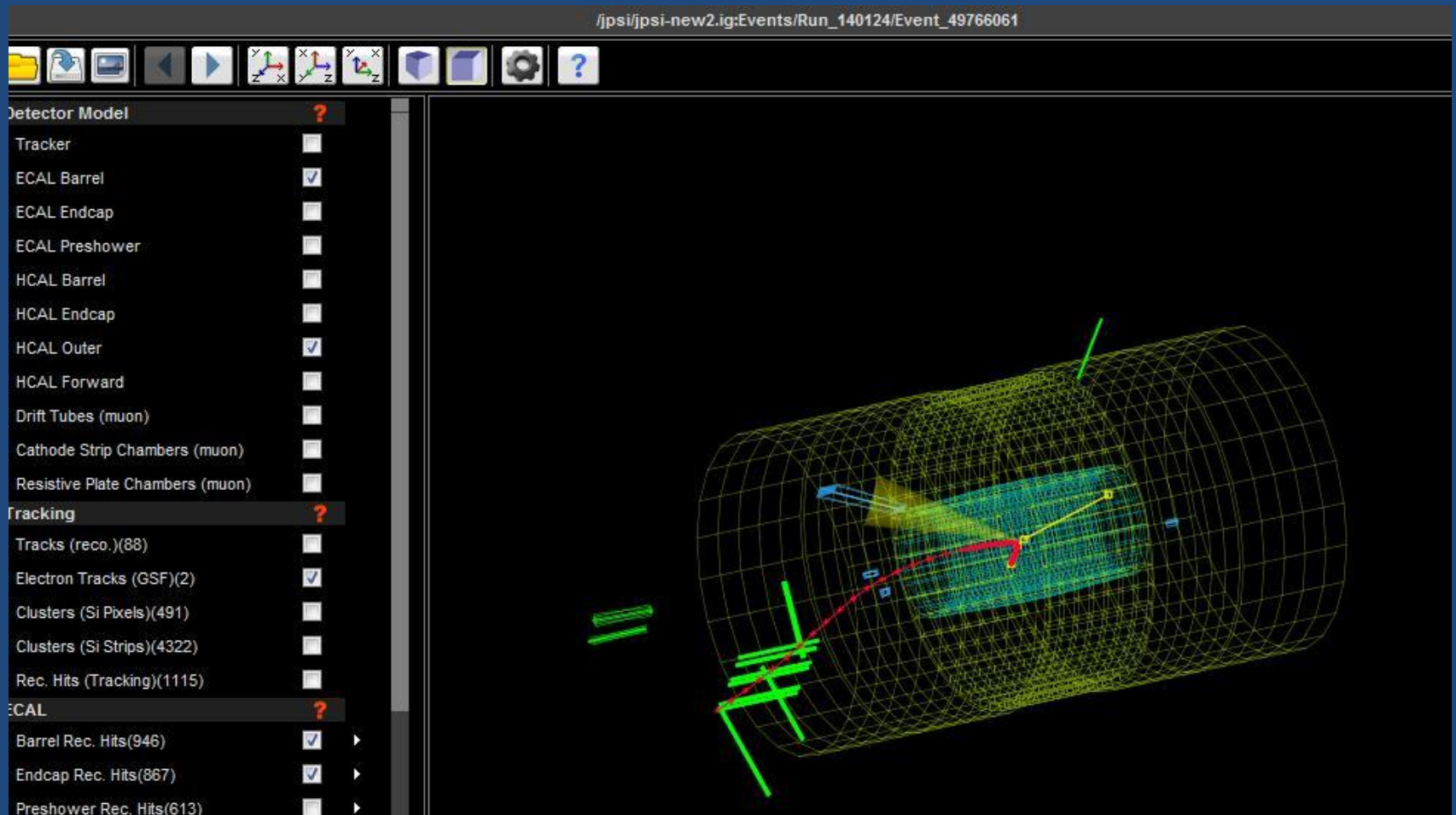
CMS Masterclass

http://quarknet.us/library/index.php/CMS_Masterclass_Pre-Alpha

- Pre-Alpha Wiki – instruction set
- Website to come
- Analysis Tool – iSpy Online

CMS Masterclass

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