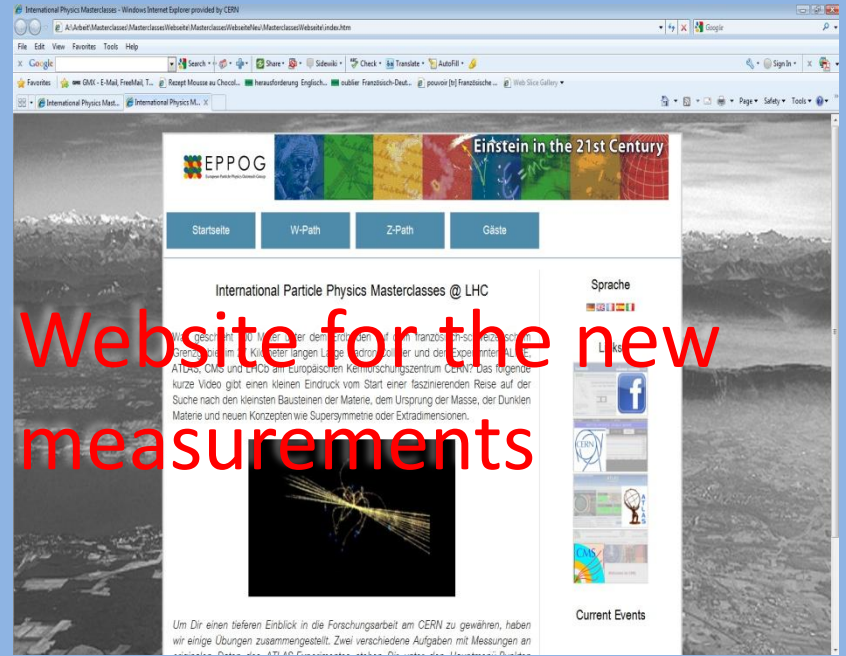
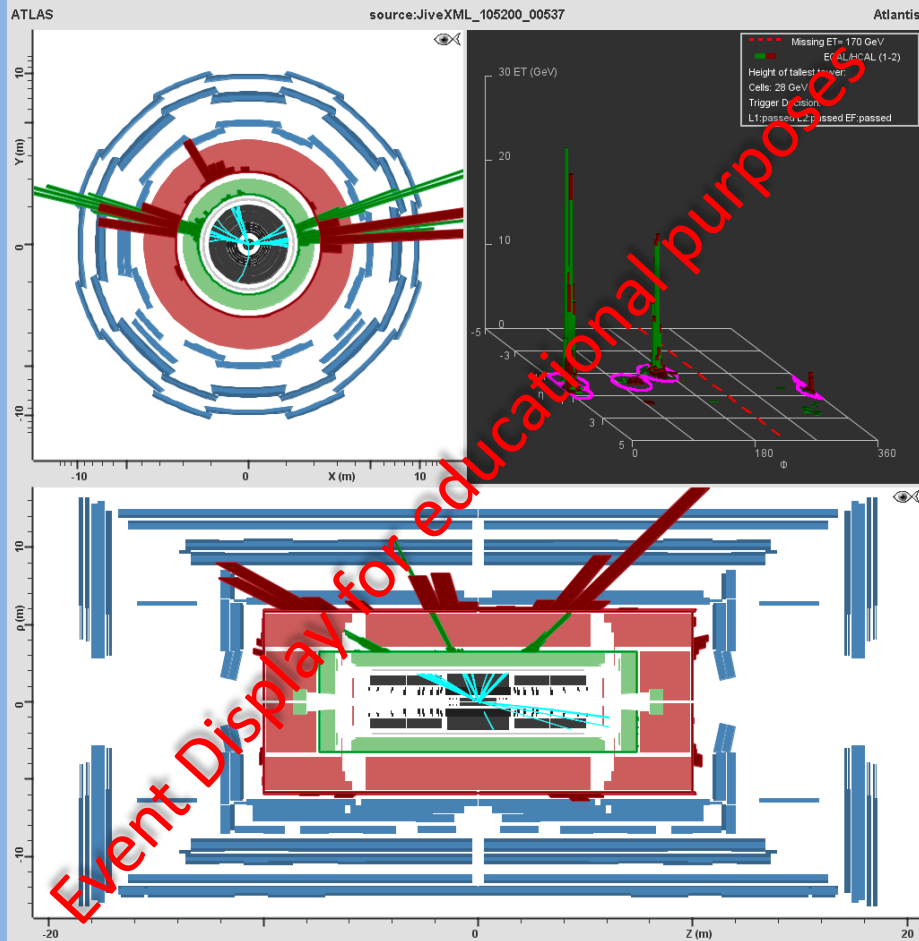




High School Teacher Programme Working GROUP TERCLASSES

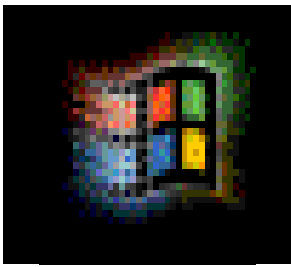
Konrad Jende, July 12th

2010



Website for the new measurements

Event Display for educational purposes



Objectives

- connect lectures and visits with the fascinating work of data analysis
- get an insight into ATLAS event displays MINERVA and HYPATIA
- know what the International Particle Physics Masterclasses is about
- develop didactic material for a measurement with real ATLAS data

In which cases should you choose this working group?

- ~~You are interested in learning more about data analysis in ATLAS.~~
- You want to learn how the ATLAS detector works.
- You know how to either create websites or flash animations (NOT NECESSARY).
- You are interested in preparing didactic material about particle physics for high school students.

Plan

1. Introduction today (July 12th 2010 at 1700 in

Restaurant 1)

2. Preliminary work (for the next two days): carry out a Masterclass

3. July 14th: Discussion of the results (Masterclass),
Introduction to the new

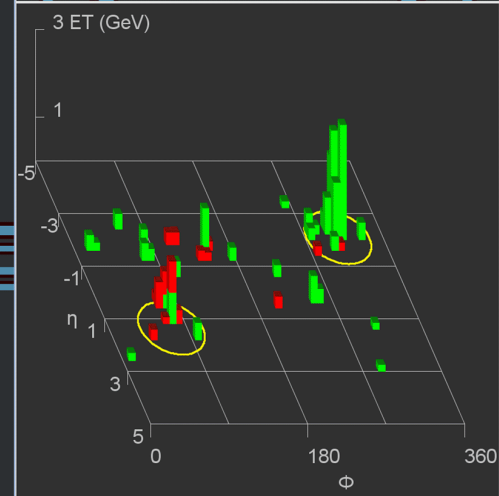
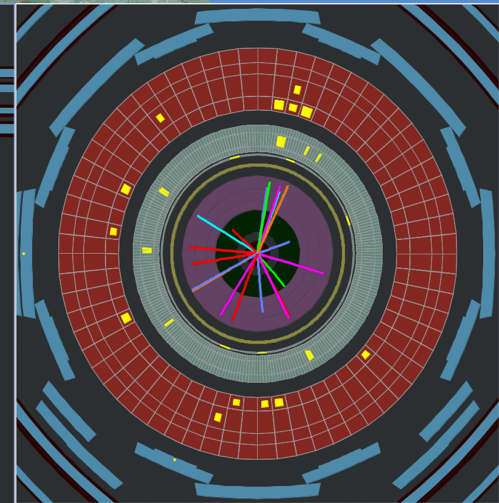
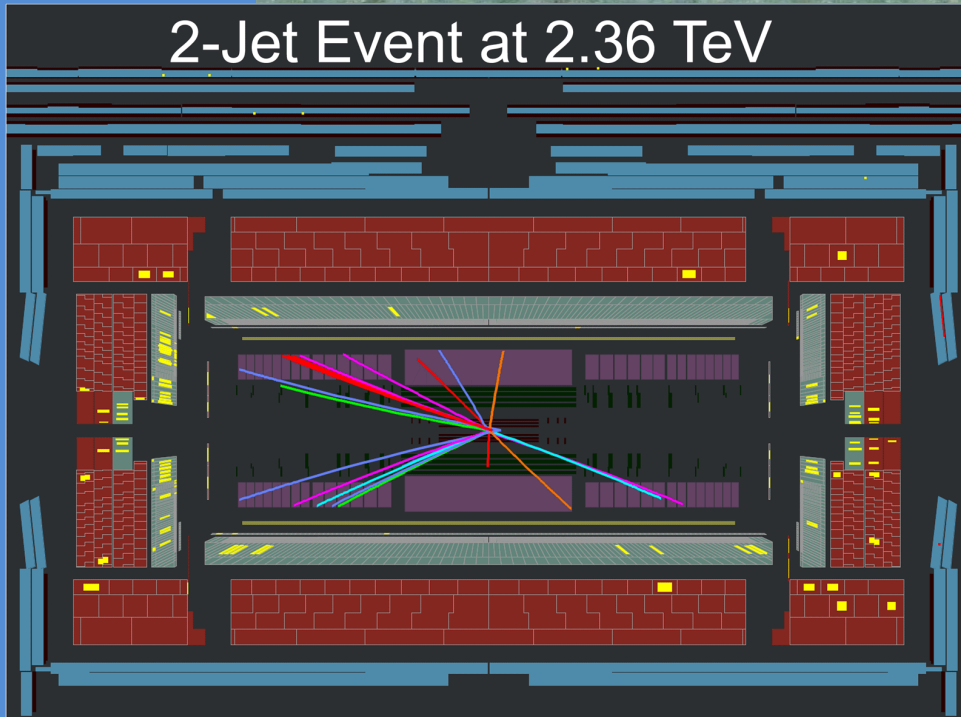
LHC measurements inside the

Masterclasses, preparing of your work

4. July 15th++ : work on your specific topic

It's time for collisions...

2-Jet Event at 2.36 TeV



 **ATLAS**
EXPERIMENT

2009-12-08, 21:40 CET
Run 142065, Event 116969