

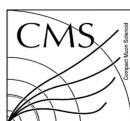


Results from Heavy Ions Collisions at the LHC.

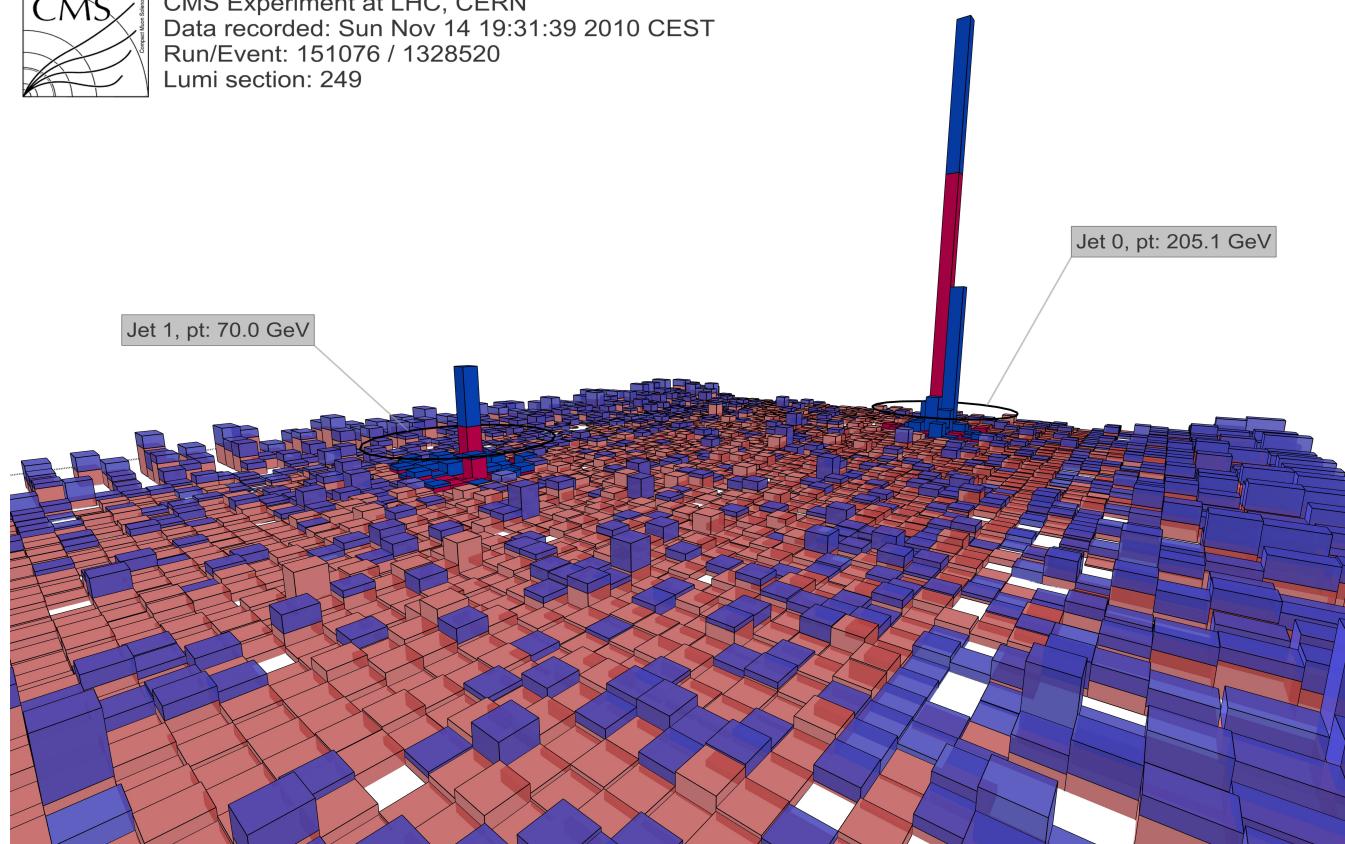
Bolek Wyslouch (MIT, LLR/Ecole Polytech.)

7 June 2011, 16:00 h

DESY Auditorium, Hamburg



CMS Experiment at LHC, CERN
Data recorded: Sun Nov 14 19:31:39 2010 CEST
Run/Event: 151076 / 1328520
Lumi section: 249



In November 2010 the Large Hadron Collider at CERN started to collide heavy ion beams. The collisions of lead ions occurred at the center of mass of 2.76 TeV/nucleon, about 14 times higher than at previous accelerators. The hot and dense QCD matter created in these collisions is being studied by the state of the art detectors. I will present several of the striking first results obtained by the LHC experimental collaborations. In particular, I will discuss the global properties of the produced matter and I will describe in more detail the observation of strong quenching of jets.

- Coffee, tea and cookies will be served at 15:45 h.
- After the seminar there is a chance for private discussions with the speaker over soft drinks and pretzels

