

## **Multijet measurements with the CMS detector at 7TeV**

*jeudi 21 juillet 2011 10:00 (15 minutes)*

We present measurements sensitive to QCD multijet production using data from proton-proton collisions at  $\sqrt{s} = 7$  TeV collected with the CMS detector at the CERN LHC. The hadronic event shapes, the dijet azimuthal decorrelation and the ratio of the 3 jet to 2 jet production cross-sections confront the QCD multijet dynamics at a previously unexplored kinematic regime. The data are compared to various QCD Monte Carlo models.

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**Classification de Session:** QCD

**Classification de thématique:** QCD