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## **PDF and $\alpha_S$ constraints from jet measurements at CMS**

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We present CMS results related to constraints on parton distribution functions and the strong coupling constant. Results include recent jet measurements performed with 2011 data taken at center-of-mass energy of 7 TeV and 2012 data taken at 8 TeV, including  $\alpha_S$  constraints from multijet events and PDF+ $\alpha_S$  constraints from jet production cross sections.

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