

19.7 fb<sup>-1</sup> (8 TeV)

JEC uncertainty (%)

**CMS**

**R=0.5 PF+CHS**

**p<sub>T</sub> = 1000 GeV**

■ Total uncertainty

■ Excl. flavor, time

○ Absolute scale

▼ Relative scale

■ Pileup ( $\langle\mu\rangle=20$ )

□ Jet flavor (QCD)

▽ Time stability

