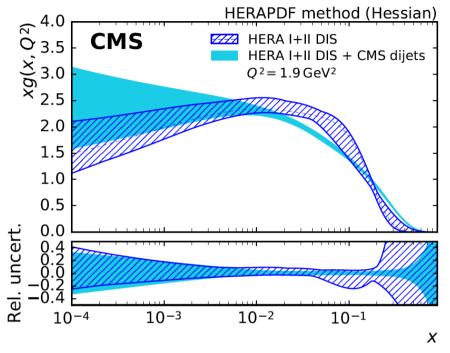


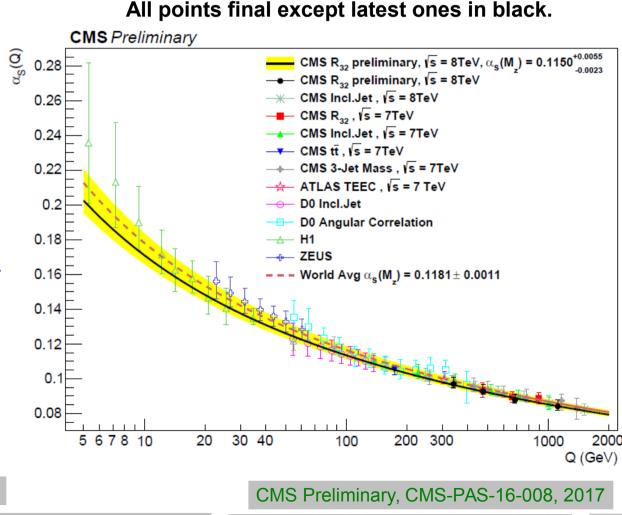
QCD at highest Energies



Largest impact from $x = 10^{-2}$ up to 0.7.

Improved precision of gluon density in the proton with CMS dijet data

Precision determination of the strong coupling constant $\alpha_s(M_z)$ and extended test of its running from 200 GeV up to 2 TeV with CMS jet data



CMS, arXiv:1705.02628, submitted to Eur. Phys. J. C.. K. Rabbertz Karlsruhe.

Karlsruhe, Germany, 06.09.2017

SJTU-KIT Workshop 2017