

Determination of fundamental standard model parameters using CMS data

Global simultaneous fit to CMS data on jets, top quark production and fb asymmetry from Z boson decays together with HERA data. Extract α_s , m_t , \sin_{θ_w} , EFT. Data and theory have been prepared for x

Group

FH-CMS

Project Category

B1. Physics data analysis and performance (software-oriented)

Special Qualifications

No special qualifications

DESY Site

Hamburg

Primary authors: MENDIZABAL MORENTIN, Mikel (DESY); KOGLER, Roman (DESY FH, CMS)

Presenter: KOGLER, Roman (DESY FH, CMS)