

Institutsseminar Kern- und Hadronenphysik

Dec. 16, 2019 at 2 p.m. c.t.
HS Kernphysik, Becherweg 45

Varvara Batozskaya
National Centre for Nuclear Research, Warsaw

CP-violating phase ϕ_s at LHCb

The measurement of the mixing-induced CP-violating phase ϕ_s in the $B_s - \bar{B}_s$ system is one of the key goals of the LHCb experiment. It has been measured at the LHCb collaboration with several decay channels. Thanks to the precise prediction of the ϕ_s value in the frame of the Standard Model, it represents an excellent probe to search for new physics.