

4th October 2018, 15:00 s.t.

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AG Elementary Particle Physics

CP Violation at LHCb

Albeit this is my third talk at the PHD seminar about CP violation, I promise, that I will not bore you! During my first two talks I focused on phenomenology of CP violation, but this time I present you some leading edge results of the LHCb experiment, one of the frontiers of today's HEP machinery. After giving a short obligatory introduction I will focus on selected latest results and round things up with LHCb combinations, yielding some world's most precise measurements. This talk will also be presented on behalf of the LHCb collaboration at the "Discrete Symmetries in Particle, Nuclear and Atomic Physics and implications for our Universe" workshop in Trento, Italy [1].

References:

[1] <https://ectstar.fbk.eu/node/4227>

Talk: English

Slides: English

Location: Institute of Physics, Albert-Einstein-Str. 24, SR1