

SEMINAR TEILCHENPHYSIK

Thema

Inside the Precision Era:
Exploring quark flavor
transitions at LHCb

Abstract

While the Standard Model stands as our best explanation of the Universe at the smallest scales, mounting evidence suggests it cannot be the ultimate model. Indirect measurements such as $\phi_s^{c\bar{c}s}$ phase serve as crucial tools in unveiling New Physics footprints, as they are sensitive to energy scales beyond the direct reach of the LHC. This seminar delves into the present and future prospects of ϕ_s measurement, exploring its implications for possible explanations Beyond Standard Model theories.



Vortragender

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Ort

CP-O3-123

Zeit

Donnerstag, 16.05.2024
16:00 – 17:00 Uhr

im Auftrag:

Dr. Maik Becker