

Z portal to the dark sector through Z' mediation

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The exotic Z decays to a QCD-like dark sector provide unexplored opportunities at colliders. In this talk, we explore the region where the Z portal is generated by a dark Z'. The phenomenological signatures of light Z' are studied, with both dark shower signals in Z decays and rare decays of B hadrons taken into account.

Primary authors: Dr SALVIONI, Ennio (U. Padua); Prof. CHENG, Hsin-Chia (UC Davis); LI, Lingfeng (Brown U.); JIANG, Xuhui (HKUST)

Presenter: JIANG, Xuhui (HKUST)

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