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Di-hadron spectroscopy in PbPb UPC events measured in LHCb

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Vector, scalars and tensor mesons are accessible in the mass spectrum of di-hadrons measured in UPC events. The LHCb experiment is able to identify pions, kaons, proton, electrons, muons and photons at a very low transverse momentum, enabling the observation of a broad spectrum of mesons produced from different kinds of photon and pomeron interactions. This presentation will discuss the potential physics implications of the measured KK mass spectrum obtained in UPC events taken in PbPb crossings, the challenges and perspectives for other di-hadron measurements.

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