



## **Probing double parton scattering in ultraperipheral collisions**

Emmanuel Gravé de Oliveira

UFSC

Double parton scattering (DPS) is an important way to investigate the hadron structure and parton correlations in the transverse plane. In particular, ultraperipheral collisions involving protons and heavy ions are a good opportunity to measure DPS in which some partons are Weizsacker-Willians photons. With the right observable, such as the production of a dilepton pair together with a heavy quark pair, an analog of the standard central pocket formula can be derived and the kinematical dependence of the effective cross section can be studied. Predictions are made for the LHC and a future collider. Comments will be made about the recent measurements of DPS in central collisions.