

Multiple Parton Scattering from both theoretical and experimental point of views

Monday, June 5, 2023 2:00 PM (20 minutes)

I will first review the recent theoretical and phenomenological progress of studying multiple parton scattering at the LHC in both pp and heavy-ion collisions. I will then briefly summarise the existing experimental measurements. Finally, I will try to highlight the first triple parton scattering study by observing the triple J/psi production process with the CMS detector, and the first double parton scattering measurement of J/psi+open charm and two open charm production in proton-lead collisions by the LHCb collaboration.

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