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Size and Shape of Hadrons: From Pion Cloud to Pomeron/Odderon, and AdS/CFT

Tuesday, 25 June 2019 14:30 (30 minutes)

Proton-proton differential and total cross sections provide information on the energy dependence of proton shape and size. This will be discussed both from a phenomenological and theoretical perspectives. This will include the role of pion cloud, (e.g., Jenkowsky, Szanyi and Tan, hep-ph:1710.10594), new phenomenology based on AdS/CFT, (e.g., Watanabe, et al., hep-ph:1901.09564), and the non-perturbative theoretical foundation of Pomeron/Odderon, (e.g., Brower, Costa, Djuric, Raben and Tan, hep-th:1409.2730).

Additional comments

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