

Workshop on forward physics and high-energy scattering at zero degrees 2017

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Single diffractive particle production with dipoles

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The color dipole approach enables us to evaluate the diffractive particle production observables beyond the concept of diffractive factorisation. In this talk, I will overview the current status of research in this direction and present preliminary results on single-diffractive non-Abelian Bremsstrahlung processes with di-jets and quarkonia final states.

Relevant topics

Medium mass diffraction and the structure of Pomeron

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