30 years of strong interactions: a three-day meeting in honor of Joseph Cugnon and Hans-Jürgen Pirner

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A short review of the theory of hard exclusive processes

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We review the recent progresses in the theory of hard exclusive processes. The collinear factorization approach is presented and illustrated, including deep virtual Compton scattering, non-exotic and exotic meson electroproduction. We then provide a short survey of kt-factorization in the limit of asymptotical center-of-mass energies. We end-up with recent results obtained on the power corrections to the scattering amplitude.

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