

PAUL SCHERRER INSTITUT



Particle Theory Seminar

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“Hadron structure from Lattice QCD”

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Abstract:

State-of-the-art lattice QCD calculations can yield model-independent results on form factors, structure factors and density distributions of hadrons. After a general introduction on the status of these calculations we will present our evaluations of the form factors for the nucleon/Delta system obtained in Lattice QCD with dynamical quarks for pion masses as low as 350 MeV.