universität wien

EINLADUNG

im Rahmen des Teilchenphysikseminars

zum Vortrag

von

Dingyu Shao

(CERN)

über

"Soft gluon resummation for
non-global observables in SCET"

Abstract:
In this talk I will review our framework about non-global logs resummation. Starting from a factorization theorem in SCET, we derive a parton-shower equation for the resummation of non-global logs. We have applied our method to investigate light-jet mass and narrow-broadening event shape resumation. Recently, we have interfaced our shower with aMC@NLO_MG5 event generator to obtain an automated framework to resum the leading logarithm of non-global observables.
The corresponding references include 1803.07045, 1708.04516, 1610.01608, 1605.02737

Zeit: Dienstag**,** 24.04.2018, **16:15**

Ort: Erwin Schrödinger-Hörsaal, Boltzmanngasse 5, 5. Stock

gez**.:** A. Hoang, S. Plätzer