



EINLADUNG

im Rahmen des Teilchenphysikseminars

zum Vortrag

von

Ines Ruffa

(Univ. Wien)

über

„Colour-Flow Evolution at Next-to-leading Order“

Abstract:

In order to investigate soft gluon evolution at NLO (next-to-leading order) the one-loop/one-emission and two-loop Feynman-diagrams have to be analysed.

I will give an introduction to the colour-space formalism, and discuss the evolution equations in colour space to resum non-global observables.

I will highlight the colour-flow basis as it not only provides immediate physical interpretation but it is also efficient in numerical approaches for soft gluon evolution.

Zeit: Dienstag, 29.10.2019 **16:15**

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

gez.: A. Hoang, S. Plätzer