



# EINLADUNG

im Rahmen des Teilchenphysikseminars

zum Vortrag

von

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über

**“High Energy Jets“**

**Abstract:**

High Energy Jets (HEJ) is a framework for the resummation of high-energy logarithms in processes involving multiple jets. I give an overview over the current status of the HEJ project and recent progress in the matching to fixed-order predictions and parton showers. As a phenomenological application, I present results for the gluon-fusion background to Higgs-boson production in weak-boson fusion.

**Zeit:** Dienstag, 30.10.2018, 16:15

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

gez.: A. Hoang, S. Plätzer