



# *EINLADUNG*

im Rahmen des Teilchenphysikseminars

zum Vortrag

von

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über

**„QCD at high energies: Wilson lines in the CGC and jets“**

**Abstract:**

I will provide an introduction to the ideas behind the Color Glass Condensate and the JIMWLK evolution equation.

I will introduce a counterpart to structure functions for Wilson line correlators and provide some insight into the diverse role of color singlets in evolution equations involving Wilson line correlators.

To wit, these structures also occur in the evolution of certain jet observables. I will further explore the structural relationship of evolution equations in the CGC and jet context (JIMWLK vs BMS-W) using a conformal map.

**Zeit:** Freitag, **17.11.2023, 14:00 h**

**Ort:** **Kurt-Gödel-Hörsaal**, Boltzmannngasse 5, Erdgeschoss

gez.: A. Hoang, S. Plätzer