

**UCLA NUCLEAR PHYSICS SEMINAR**

# **JETS, TMD'S AND RESUMMATION**

**Presented by: Wouter Waalewijn  
University of Amsterdam & Nikhef**

*I will discuss (i) my recent calculation of the jet shape at NLL', (ii) a new method I proposed to extract transverse momentum dependent distributions parton distributions, using jets in semi-inclusive deep-inelastic scattering (iii) the resummation of multiple logarithms, considering beam thrust and  $q_T$  for the Drell-Yan process as a concrete example.*

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**Monday • July 15, 2019 • 12 PM  
Knudsen 4-134**

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