

NYU Confinement Workshop  
Preliminary Schedule

Tuesday, Oct 31

10 am - 11 am, Breakfast and coffee

11 am - 11:30 am, Victor Gorbenko, “Worldsheet Axion and UV Completion of QCD String”

11:30 am - 12 pm, Michele Caselle, “Sampling the Nambu-Goto effective string using Normalizing Flows”

12 pm - 2 pm, Lunch break

2 pm - 2:30 pm, Shota Komatsu, “2d QCD revisited”

2:30 pm - 3 pm, Grisha Korchemsky, “Hadronization effects in energy correlations”

3 pm - 3:30 pm, Coffee break

3:30 pm - 4 pm, Marina Marinkovic, “Qubit discretization, BKT transition, and the renormalization group magic”

4 pm - 5:30 pm short talks by Jan Albert, Andrea Bulgarelli, Frank Coronado, Ilia Kochergin, Conghuan Luo, Maria Neuzil

Wednesday, Nov 1

8:45 am - 9:15 am, Breakfast and coffee

9:15 am - 9:45 am, Raju Venugopalan, “Gravity-QCD classical double copy in Regge asymptotics”

9:45 am - 10:15 am, Pedro Vieira, “New Plots for the Flux Tube S-matrix Bootstrap”

10:15 am - 10:45 am, Coffee break

10:45am - 11:15 am, Mithat Unsal, “Refined Instanton Analysis for Asymptotically Free QFTs and Confinement”

11:15 am - 12 pm, short talks by Himanshu Raj, Tal Sheaffer, Yuan Xin

12 pm - 1:50 pm, Lunch break

2 pm - 3:30 pm, NYU Physics Department Colloquium by David Gross, “50 years of QCD”

3:30 pm - 4:30 pm, Refreshments and discussions

4:30 pm - 5:30 pm, a discussion of what Lattice QCD can do for theory and vice versa