



Contribution ID: 14

Type: **not specified**

Dilatations, Complex Boosts and the Phase of the S-Matrix

Tuesday, 28 March 2023 14:00 (20 minutes)

It is well known that Glauber modes are responsible for generating the imaginary part of the S-matrix, even away from the forward limit. In this talk I will show this fact allows one to calculate both rapidity and canonical anomalous dimensions using unitarity methods. I will give explicit examples in the context of: the Sudakov form factor, the Regge trajectory, and the transverse momentum distribution function.

Primary author: SAAVEDRA, Michael (Carnegie Mellon University)

Presenter: SAAVEDRA, Michael (Carnegie Mellon University)

Session Classification: Session 7