



Contribution ID: 59

Type: **Talk**

Amplitude and colour evolution: From first principles to simulations.

Tuesday, 2 August 2022 16:00 (25 minutes)

Colour evolution and parton branching at the amplitude level have become important theoretical frameworks to improve parton showers, and are algorithms in their own right to complement shower development by resummation algorithms capable of including interference effects and subleading-N contributions at an unprecedented level. I will cover recent development in the field, with a focus on soft gluon evolution and the CVolver approach.

Preferred track

Jets & QCD at High Scales

Subfield

HEP theory

Attending in-person?

Yes

On behalf of collaboration?

Primary author: Dr PLÄTZER, Simon (University of Graz (AT))

Presenter: Dr PLÄTZER, Simon (University of Graz (AT))

Session Classification: Jets and QCD 2

Track Classification: Jets and QCD at high scales