Contribution ID: **4**   Type: **not specified**

Yang-Mills Theory with Graphical Functions

Tuesday 16 April 2024 12:00 (30 minutes)

Graphical functions are a well established tool to perform high loop order calculations for some QFT processes. Most notably, they were used to calculate the 7 loop ϕ^4 and the 6 loop ϕ^3 beta functions.
A new project aims to extend the use of graphical functions to particles with spin, with particular focus on Yang-Mills theory. We report on the status of this project.

Author: SCHNETZ, Oliver (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Presenter: SCHNETZ, Oliver (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Session Classification: Parallel 1