



Contribution ID: 282

Type: **Poster**

High statistical computation of the Landau gauge ghost-gluon vertex

Tuesday, 30 July 2024 18:15 (1 hour)

The lattice computation of the one-particle irreducible ghost-gluon Green function in the Landau gauge is revisited with a set of large gauge ensembles. The large statistical ensembles enable a precision determination of this Green function over a wide range of momenta, accessing its IR and UV properties with a control on the lattice effects.

Primary authors: BRITO, Nuno (PhD Student University of Plymouth); OLIVEIRA, Orlando (University of Coimbra, Portugal); SILVA, Paulo (Center for Physics, University of Coimbra)

Presenter: BRITO, Nuno (PhD Student University of Plymouth)

Session Classification: Poster session and reception

Track Classification: Vacuum Structure and Confinement