



Contribution ID: 286

Type: Talk

## Triple-gluon and quark-gluon vertex from lattice QCD in Landau gauge

*Friday, July 29, 2016 5:50 PM (20 minutes)*

We report on new results for the triple-gluon and the quark-gluon vertex in Landau gauge. Our results are based on two-flavor and quenched lattice QCD calculations for different quark masses, lattice spacings and volumes. We will focus on the momentum dependence of the different tensor structures.

**Author:** Dr STERNBECK, Andre (University of Jena)

**Co-authors:** Prof. WILLIAMS, Anthony (University of Adelaide); Dr KIZILERSU, Ayse (University of Adelaide); Dr SKULLERUD, Jon-Ivar (Maynooth University); Dr OLIVEIRA, Orlando (University of Coimbra); Mr BALDUF, Paul-Herrmann (Humboldt University Berlin); Dr SILVA, Paulo (University of Coimbra)

**Presenter:** Dr STERNBECK, Andre (University of Jena)

**Session Classification:** Vacuum Structure and Confinement

**Track Classification:** Vacuum Structure and Confinement