



Contribution ID: 128

Type: **not specified**

## Ghost-gluon coupling power corrections and $\Lambda_{\overline{MS}}$ from twisted-mass lattice QCD at $N_f = 2$ .

*Tuesday, 15 June 2010 16:40 (20 minutes)*

I present results concerning the non-perturbative evaluation of the ghost-gluon running QCD coupling constant from  $N_f = 2$  twisted-mass lattice calculations. Special attention is payed to the treatment of artifacts, in particular the quark mass, and to the different sources of systematical uncertainties. The value of  $\Lambda_{\overline{MS}}$  is computed revealing the presence of a dimension-two  $\langle A^2 \rangle$  gluon condensate.

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talk

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**Session Classification:** Parallel 32: Standard model parameters and renormalization

**Track Classification:** Standard model parameters and renormalization