## PHENOEXP 2018: LHC Physics and beyond



Contribution ID: 27 Type: not specified

## Hadron structure from string theory

Thursday 10 May 2018 14:15 (15 minutes)

New results on the string theory dual description of deep inelastic scattering of charged leptons from hadrons are presented for strongly coupled gauge theories. These include: structure functions of glueballs, scalar and polarized vector mesons and polarized spin 1/2 hadrons. Also universal properties of string theory duals, extended Callan-Gross relations, properties of 1/Nc expansion, as well as comparison with lattice QCD results and phenomenology are discussed.

**Author:** SCHVELLINGER, Martin (Instituto de Física La Plata)

Presenter: SCHVELLINGER, Martin (Instituto de Física La Plata)

Session Classification: Short Communications