

Session Program

6-10 Jan 2025



9th International Conference on High Energy Particle and Nuclear Physics in the LHC Era

Parallel session 4: QCD (1/2)

Santa Maria University, Building A
Avda. España 1680, Valparaíso, Chile

Tuesday 7 January

16:50

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Session | **Location:** Santa Maria University, Building A, Avda. España 1680, Valparaíso, Chile

16:50–17:10

Reggeon Field Theory at One loop improved Wilsonian regulator and ϵ -expansion

Speaker

Prof. Carlos Contreras

17:10–17:30

Highlights on top quark physics with the ATLAS experiment at the LHC

Speaker

James Alfred Mueller

17:30–17:50

Homotopy approach for scattering amplitude for running QCD coupling

Speaker

José Garrido

17:50–18:10

Proton structure using lattice QCD

Speaker

Prof. Constantia Alexandrou

18:10