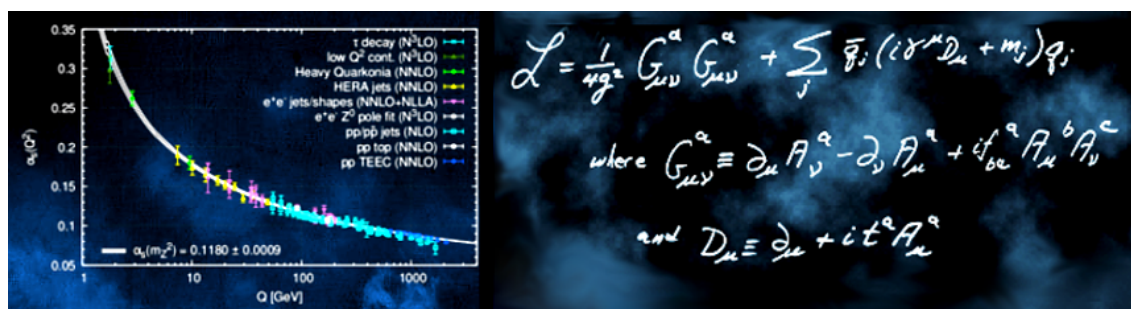


Session Program

5-9 Feb 2024



alphas-2024: Workshop on precision measurements of the QCD coupling constant

alpha_s: Lattice QCD

ECT* Trento

Strada delle Tabarelle, 286 38123 Villazzano TRENTO (TN)

Monday 5 February

13:15

alpha_s: Lattice QCD

Session | **Location:** ECT* Trento, Strada delle Tabarelle, 286 38123 Villazzano TRENTO (TN)

13:15-13:45 **Accurate determination of the strong coupling**

Speaker

Alberto Ramos Martinez

13:45-14:15

RG improvement and alpha_s determination from relativistic sum rules

Speaker

Mohd Siddique Akbar Alam Khan

14:15-14:45

Extraction of alpha_S using energy of a static quark-antiquark pair within hyperasymptotic approximation

Speaker

Cesar Ayala

14:45-15:15

TUMQCD: alpha from 2+1+1 static potential

Speaker

Viljami Leino

15:15-15:45

Factorial Growth in pQCD and Implications for alpha_s

Speaker

Andreas Kronfeld

15:45

16:15

alpha_s: Lattice QCD

Session | **Location:** ECT* Trento, Strada delle Tabarelle, 286 38123 Villazzano TRENTO (TN)

16:15-16:45 **Lambda_0 from the static force on the lattice with gradient flow**

Speaker

Julian Mayer-Stuedte

16:45-17:15

Determination of alpha_s in 2+1 flavor lattice QCD from gradient flow

Speaker

Hai-Tao Shu

17:15-17:45

Lattice determination of the strong coupling constant from moments of quarkonium correlators

Speaker

Peter Petreczky

17:45-18:15

On the heavy quark correlator moments method

Speaker

Rainer Paul Sommer

18:15-18:45 **FLAG working group on alpha_S**

Speaker
Stefan Sint

19:15

Tuesday 6 February

13:00

13:30

alpha_s: Lattice QCD

Session | **Location:** ECT* Trento, Strada delle Tabarelle, 286 38123 Villazzano TRENTO (TN)

13:00-13:30

Discussion: alpha_s from lattice QCD