



Contribution ID: 44

Type: **1st and 2nd weeks (Hadron structure and interactions)**

Update on the strong coupling α_s

Friday, October 25, 2024 3:00 PM (30 minutes)

The strong coupling α_s is a fundamental parameter of the Standard Model and high accuracy at the 0.5 percent level or better will be required to maximize the potential of the LHC and other experiments. Lattice QCD is ideally placed to achieve this goal. As a member of the FLAG working group on α_s I present an update of the current situation and an outlook on future prospects.

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Session Classification: Seminar (1,2 week)