



Contribution ID: 124

Type: **Talk**

Studying near conformal behavior with four light flavors and eight flavors of variable mass.

Tuesday, 14 July 2015 15:00 (20 minutes)

After a brief review of the motivation for studying an $SU(3)$ theory with four light flavors and eight flavors of variable mass I will discuss the methodologies we have used to investigate the properties of the system. I will then illustrate some recent results. More detailed results will be given in another talk. We will also illustrate some results of a study of the $SU(3)$ theory with eight staggered flavors carried out by the LSD collaboration.

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Session Classification: Physics Beyond the Standard Model

Track Classification: Physics Beyond the Standard Model