

PHYSIKALISCHES KOLLOQUIUM

WINTERSEMESTER 2023/24

Montag, 08.01.2024, 12 Uhr c.t.

GLUEBALLS AND FRIENDS

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Confinement is a fundamental property of the theory of strong interactions and predicts the formation of states made of gluons alone called glueballs. An experimental confirmation of the existence of glueballs is still missing since mixing with other hadrons makes identification difficult. I will present results for the energy of states from Monte Carlo calculations of the strong interactions on the lattice where the light quarks are given larger than physical masses, simplifying the mixing problem.



Die Einführung erfolgt durch Ulrich Wiedner

Die Fakultät lädt alle Interessierten herzlich ein. Die Veranstaltung findet im Hörsaal HZO 20 statt.



Physik und Astronomie
from matter to materials