PHYSIKALISCHES KOLLOQUIUM

des Fachbereichs Physik
der Johann Wolfgang Goethe-Universität Frankfurt

Mittwoch, den 18.12.2019, 16 Uhr c.t.
Großer Hörsaal, Raum _0.111,
Max-von-Laue-Str. 1

Dr. Frank Nerling

Goethe-Universität Frankfurt am Main,
GSI Helmholtzzentrum für Schwerionenforschung Darmstadt

A n t r i t t s v o r l e s u n g

" Tetraquarks -- Do they matter?"

The recently discovered XYZ states in the charmonium region are discussed to be exotic states. The subject of hadron spectroscopy and QCD bound states is introduced. A selection of relevant results obtained by the BESIII experiment are presented. Moreover, unique possibilities of the upcoming PANDA experiment to contribute to solve the XYZ puzzle are discussed.

Die Dozenten der Physik

local host: Dekan Prof. Dr. Michael Lang, Michael.Lang@physik.uni-frankfurt.de