

Vorträge im Physikalischen Kolloquium

Sommersemester 2020

Mittwochs 16 Uhr c.t., virtuell über vidyo

15.07.2020 Prof. Ph.D. Guy Moore - TU Darmstadt

"QCD, the axion, and dark matter"

I will argue that the theory of the strong interactions, QCD, may contain one additional particle: the axion. I discuss how this hypothetical particle would explain why QCD respects time reversal symmetry, and how it could be the Dark Matter of the Universe.

If it is the dark matter, we can even make a fairly sharp prediction of the axion's mass.
