



Sommerfeld Theory Colloquium

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Effects of Dark Matter linear in Interaction Strength

Low-mass boson dark matter particles produced after the Big Bang form a classical field and/or topological defects. Effects produced by the interaction of ordinary matter with dark matter may be first power in the underlying interaction strength rather than the second power. This may give a big advantage, since the dark matter interaction constant is extremely small. Limits on certain types of dark matter have been improved up to 15 orders of magnitude. New experiments are proposed.

Wednesday, 22 June 2016, 16:15h, Room A348/349, Theresienstr. 37/III

Prof. H. Fritzsch