

Fast oscillating fundamental “constants”

D. Budker^{1,2,3}

1. Johannes Gutenberg University, Mainz, Germany
2. Helmholtz Institute Mainz (GSI), Germany
3. University of California, Berkeley, USA
email: budker@uni-mainz.de

Background ultralight scalar fields that are considered as a viable candidate for galactic dark matter may manifest themselves in apparent variation of fundamental constants, see, for example, [1,2].

In this talk, we will discuss some of the recent work of our group and collaborators, for example [3-6], where we search for oscillating dark matter with Compton frequencies from near DC up to 100 MHz.

References

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