

Theory of Condensed Matter: Hard Condensed Matter

Feb. 6, 2015 at 9 a.m.
Galileiraum, 01-128, Staudinger Weg 9

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"Spin accumulation and diffusion in magnetic Multilayers"

"In this talk I will discuss the effect of the spin memory loss on interfaces of ferromagnetic (F) and non-magnetic (N) materials in the stackings N|F and N|F|N.

In particular, results on the size of spin flip and spin accumulation gaps at the interfaces will be presented.

The theoretical description is based on a limit of the theory of perpendicular magneto-resistance in magnetic multilayers by Valet and Fert."