

Efficient magnetic device using electron magnets

Materials Science

STAFF : Prof. Makoto Kohda

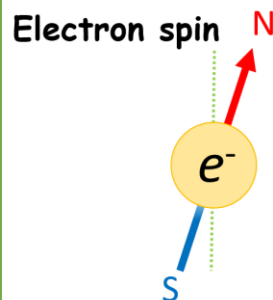
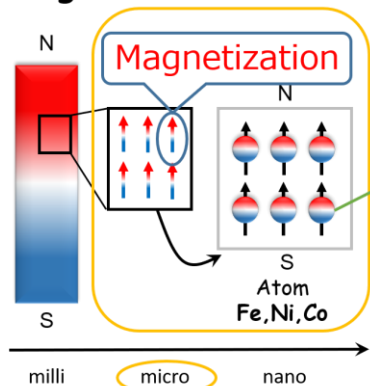
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Abstract:

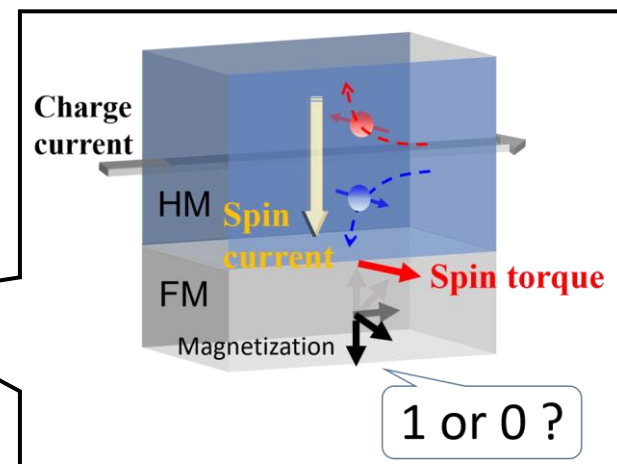
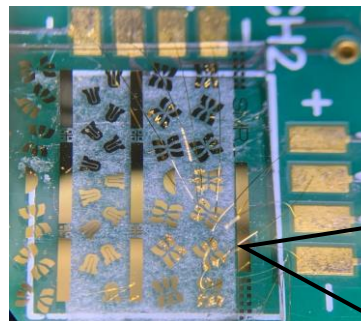
Magnetism in a bar magnet emerges via “spin” of “electron”. We can efficiently rewrite information inside such hard disk drive using this “spin”. Shall we fabricate the efficient devices with the “electron magnet” !?

Magnet



Each electron plays a role of the magnet in materials.

Fabricated Devices



Introduction date and venue : 7th Oct. 16 : 20-

(#501, Education and Research Building, Department of Materials Science)