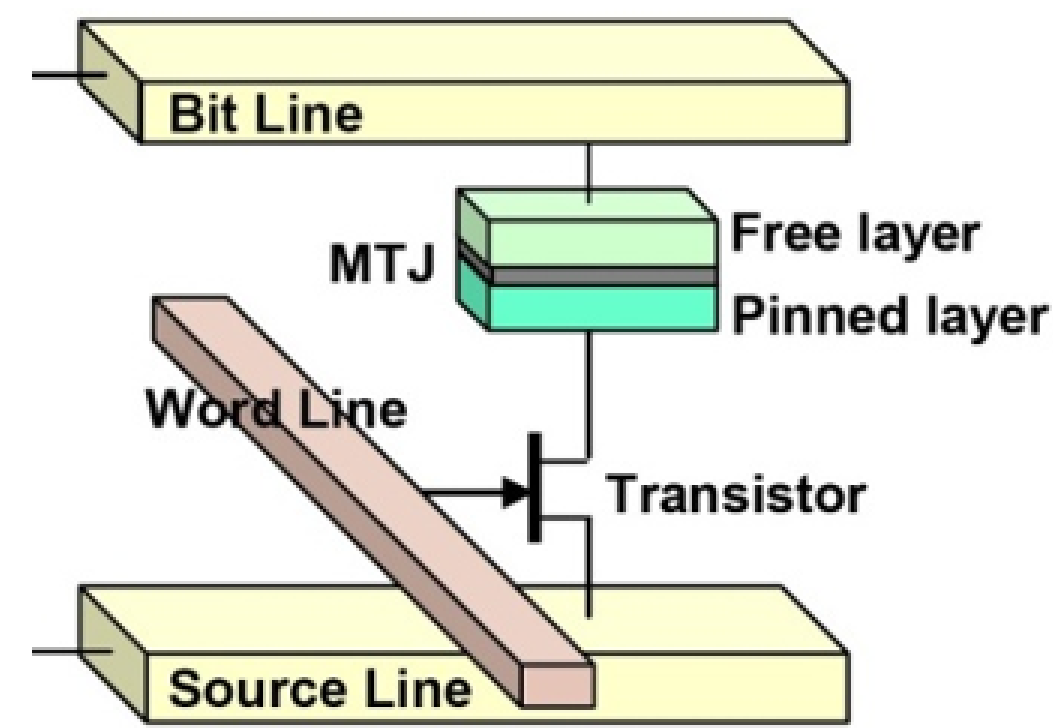
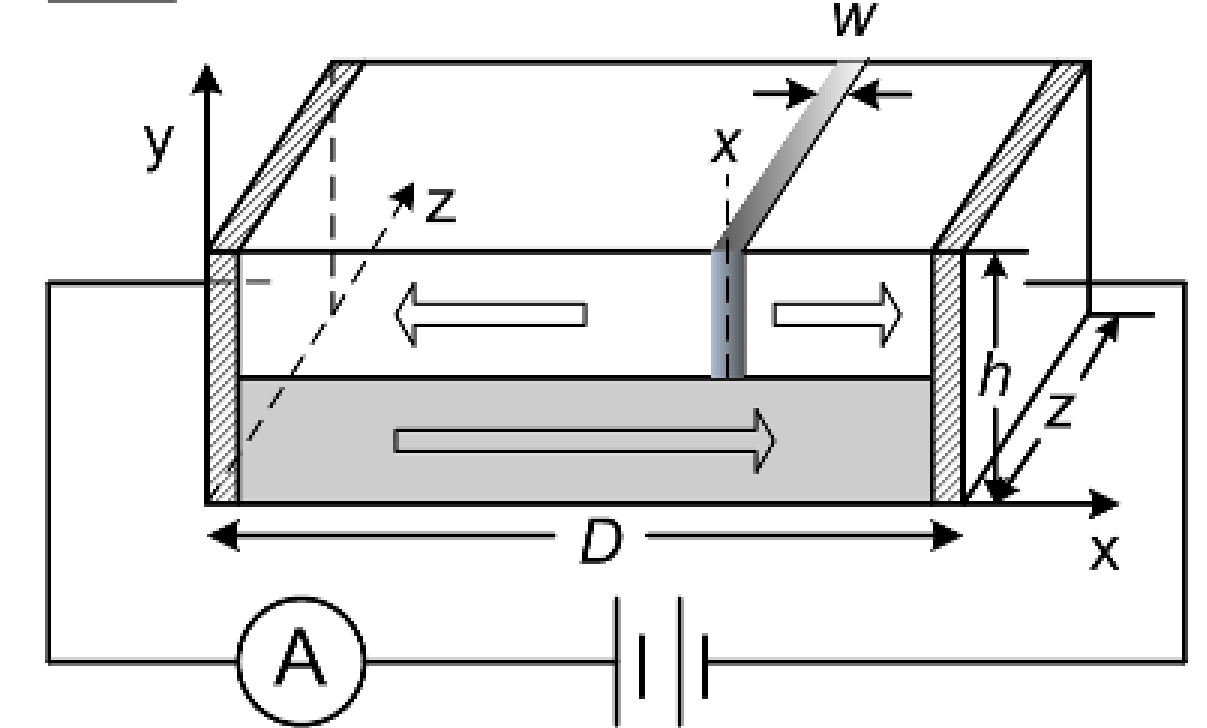
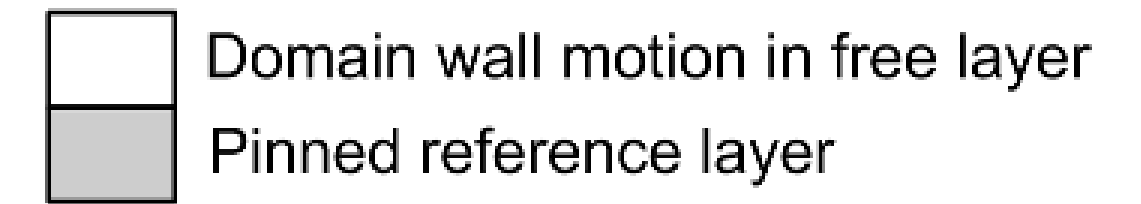
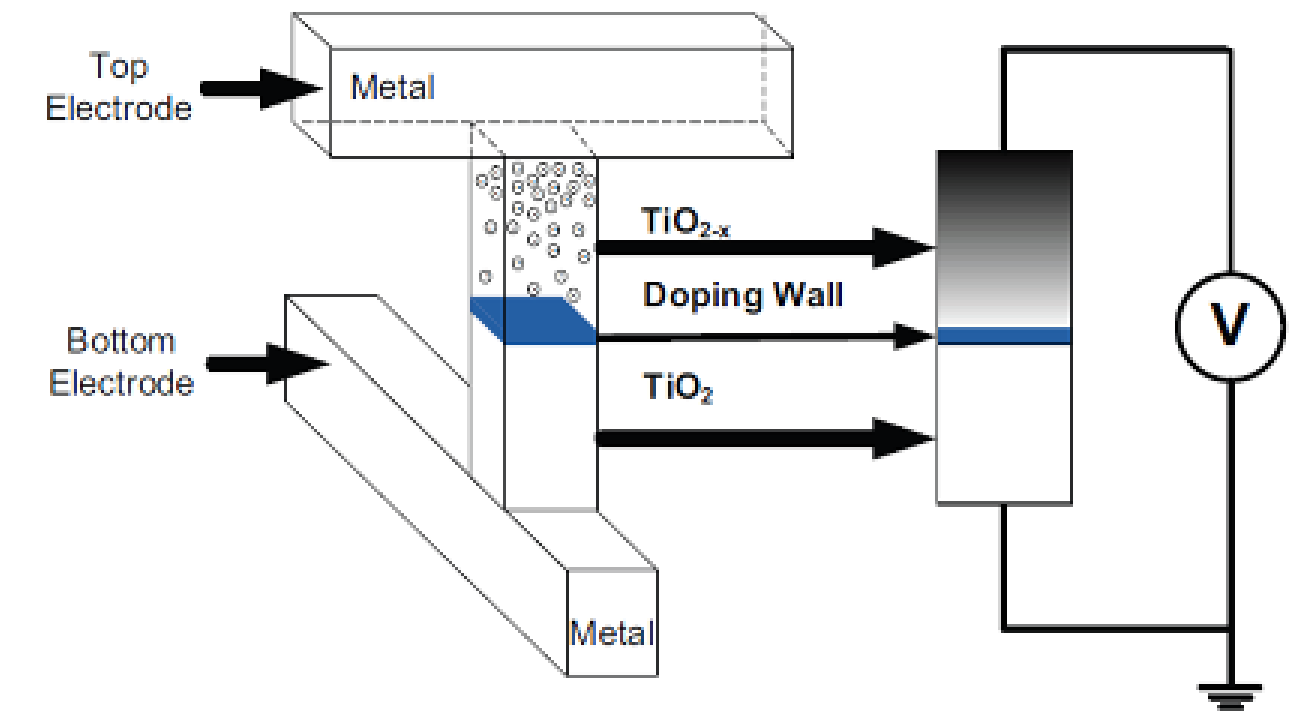


Phase-change RAM (**PCRAM**)

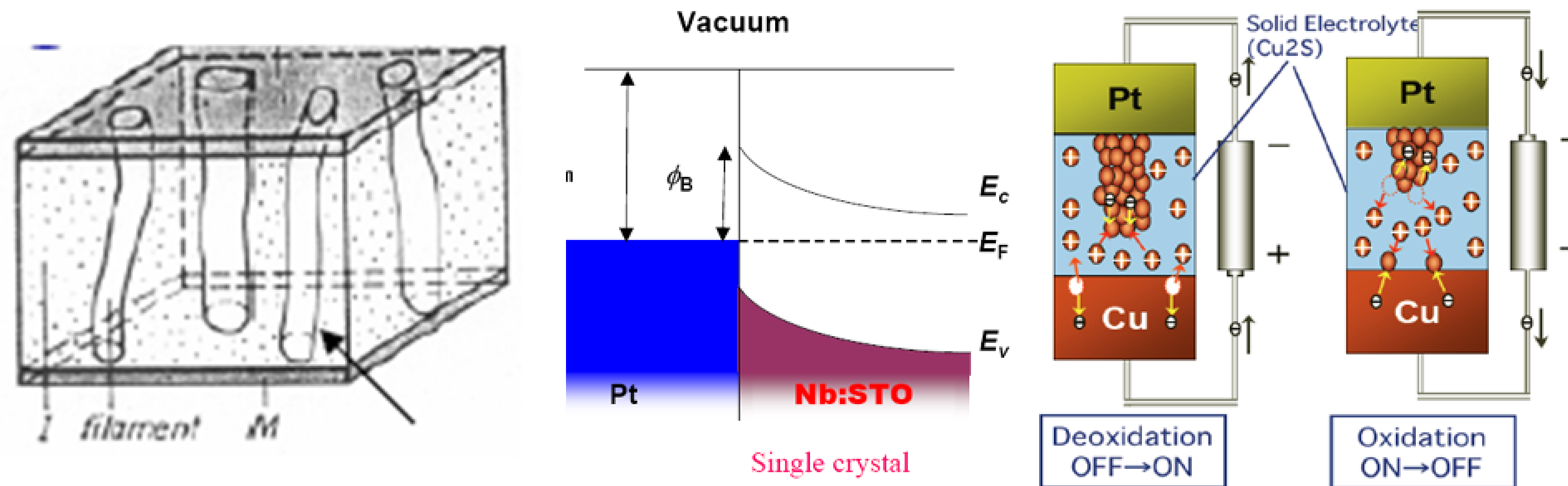


Magnetic RAM (**MRAM**)



Memristor

Top: thin-film device
Bottom: Spintronic material



Resistive RAM (**RRAM**)

From left to right: Filament-based, Interface-based and PMC

Emerging Non-volatile Memory (NVM) Technologies