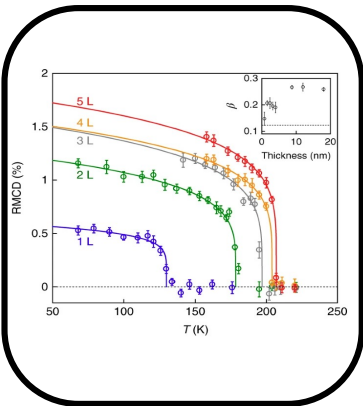
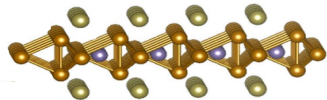
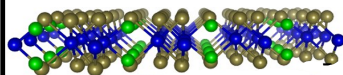


metal



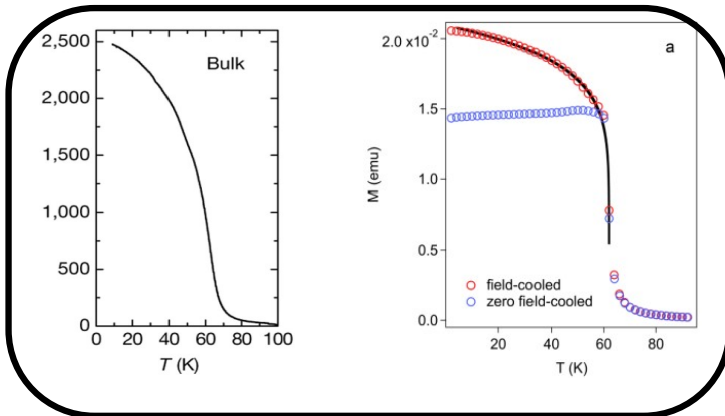
semiconductors



0.9 eV



1.2 eV



out of plane
anisotropy

in plane exchange
interactions