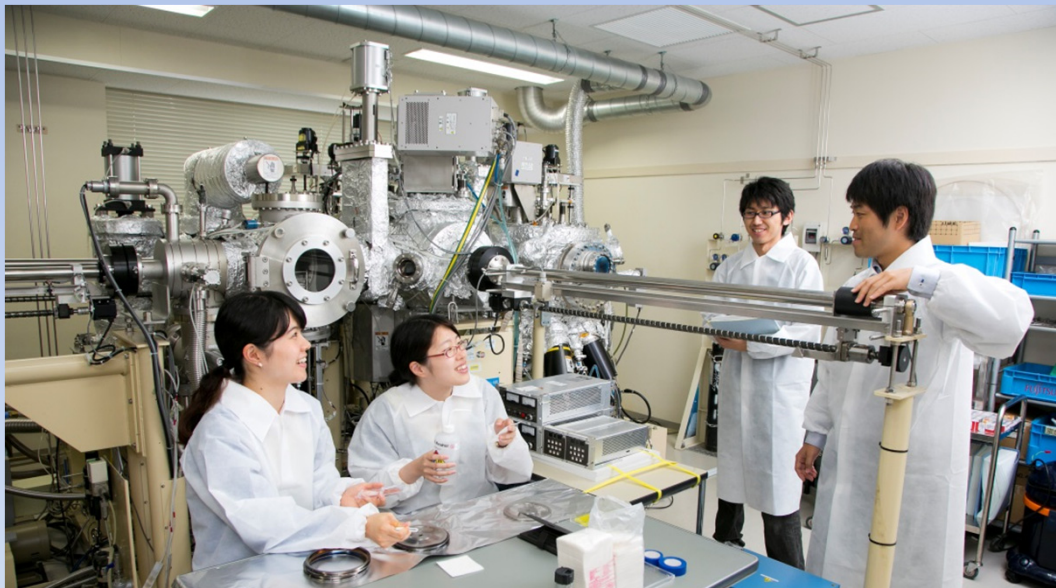


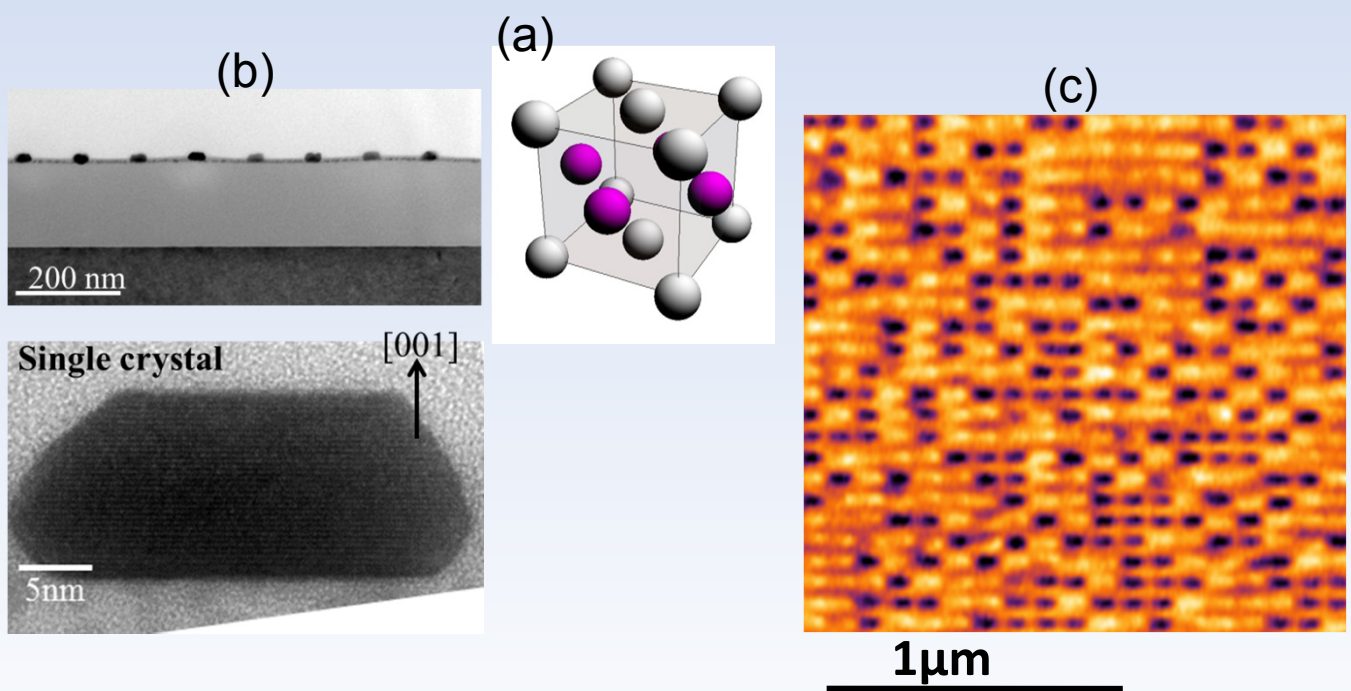
Research on Nano Magnetic Materials and Its Application to Advanced Magnetic Storage

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Key Words; Magnetic thin films, Epitaxial film process, Giant uniaxial magnetic anisotropy, High density magnetic recording, Innovative permanent magnet



Nano-fabrication experiments using ultra high vacuum multiple targets sputtering.



(a) L₁₀FePt ordered structure, (b) cross-sectional TEM image of patterned dots, and (c) bit pattern media.