

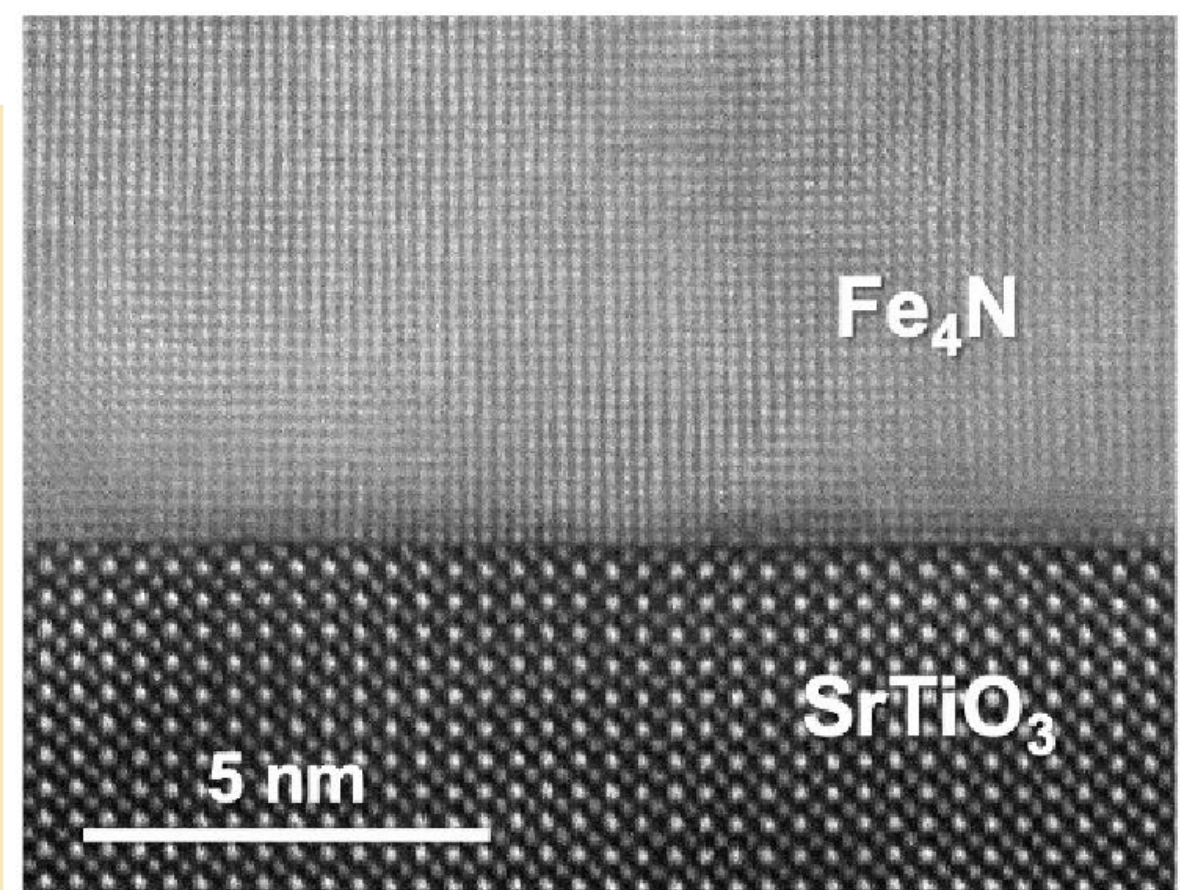
磁性材料学研究部門 / Magnetic Materials (関研究室 / Prof. T. Seki)

1 Thin film fabrication

Molecular Beam Epitaxy System

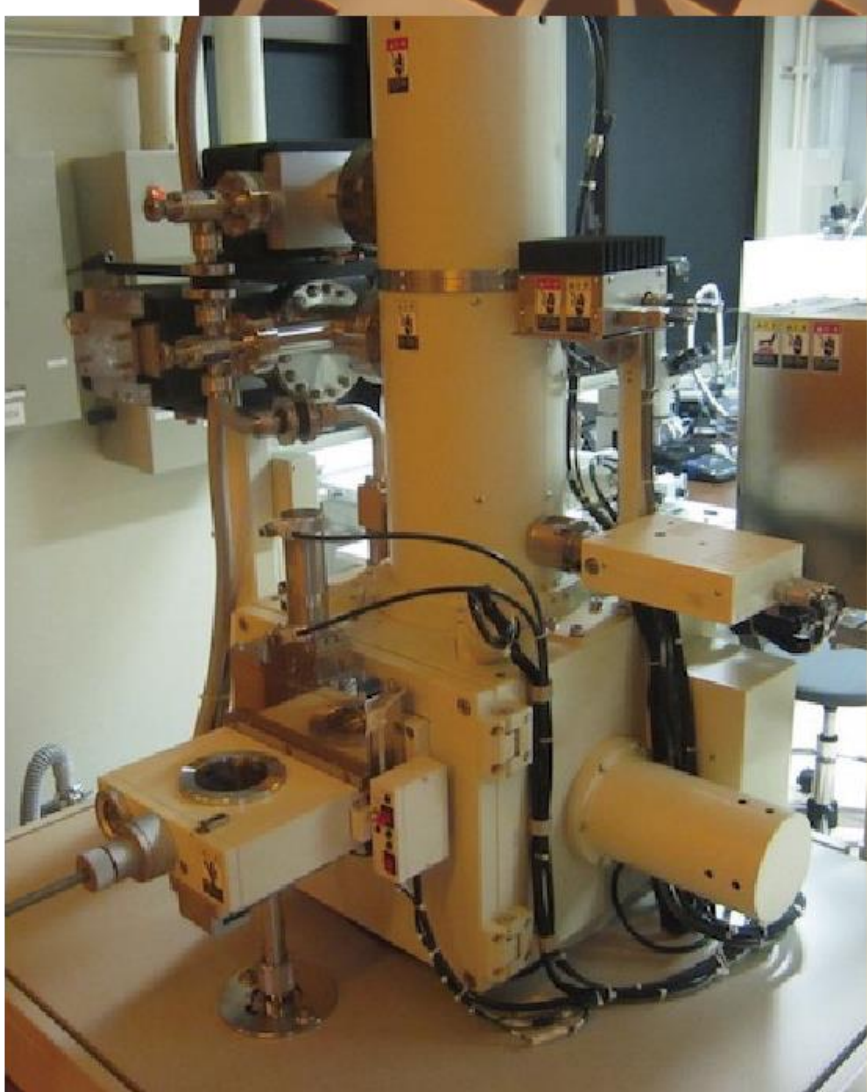
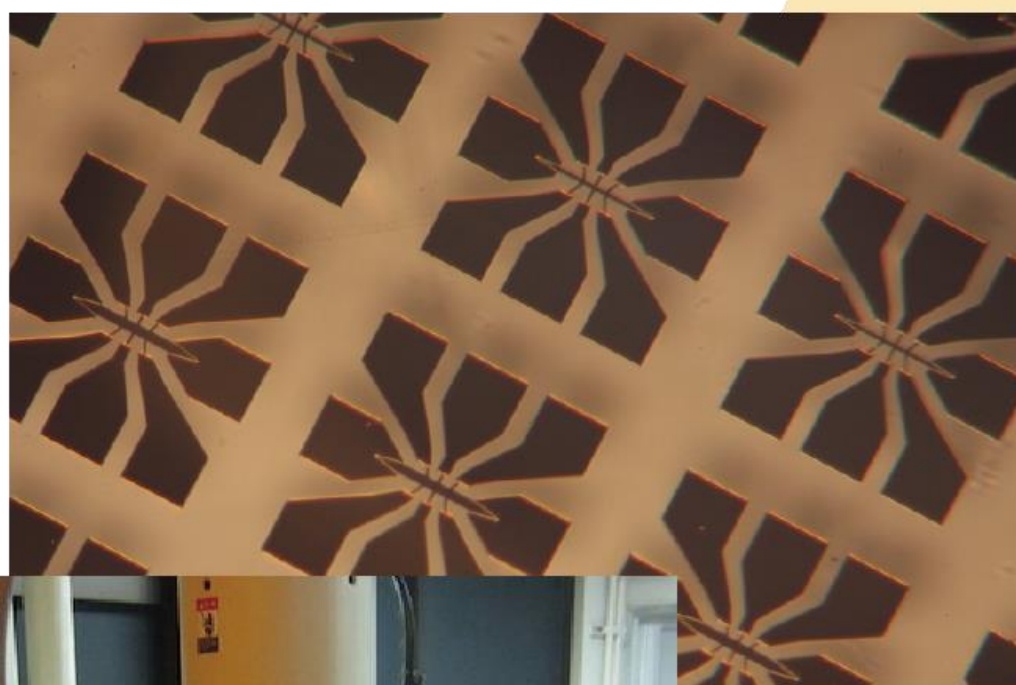


2 Structural analysis / Magnetization measurement



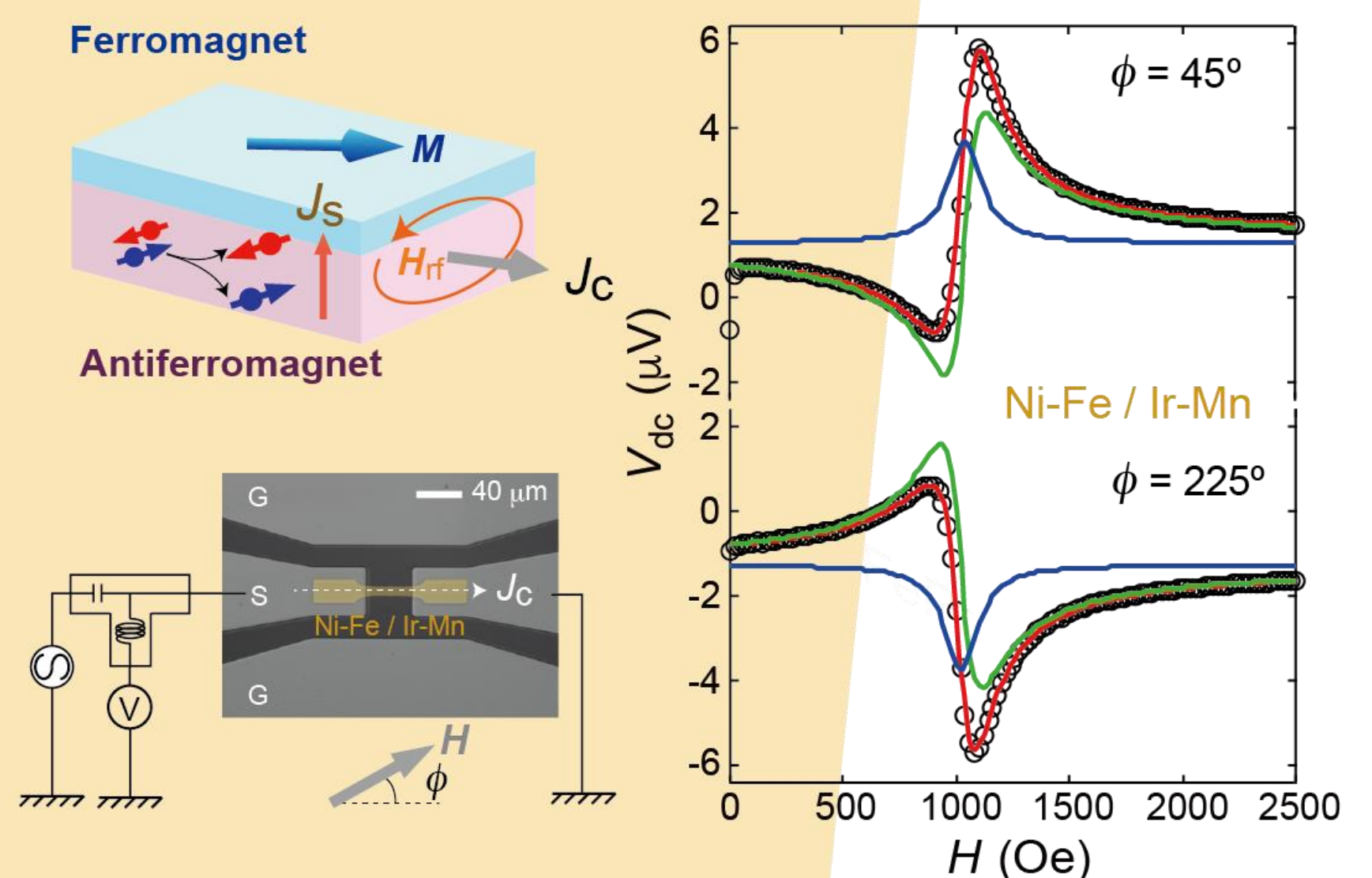
Transmission electron microscope image of epitaxial Fe_4N thin film

3 Nano-fabrication



Electron Beam Lithography

4 Device Characterization



Spin torque ferromagnetic resonance (ST-FMR) measurement in a bilayer with ferromagnet / antiferromagnet (Ni-Fe / Ir-Mn).