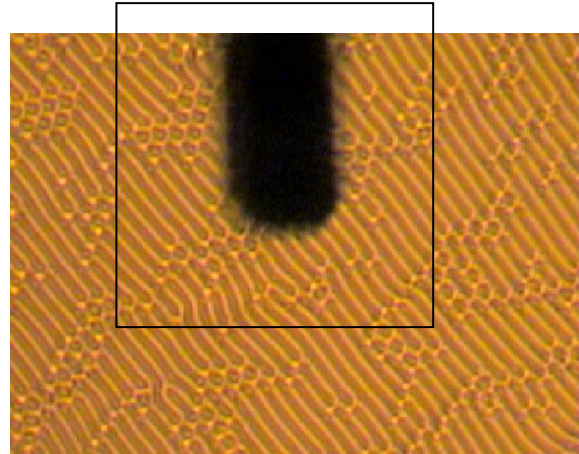
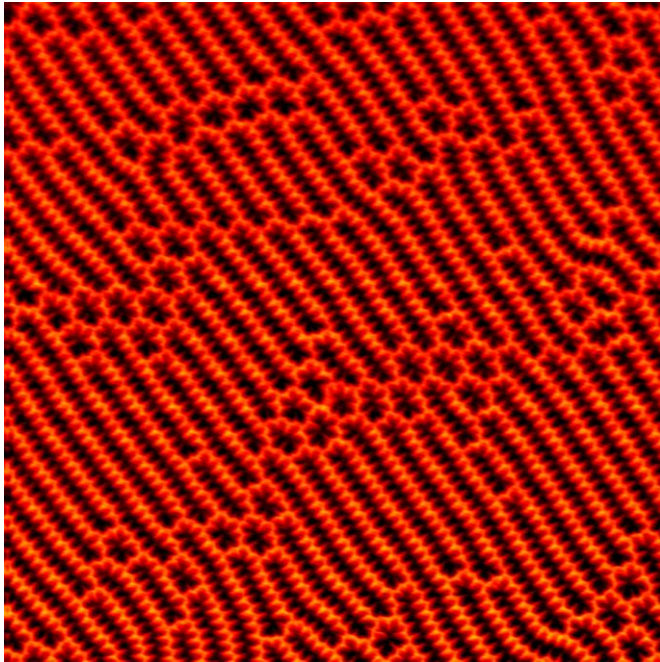


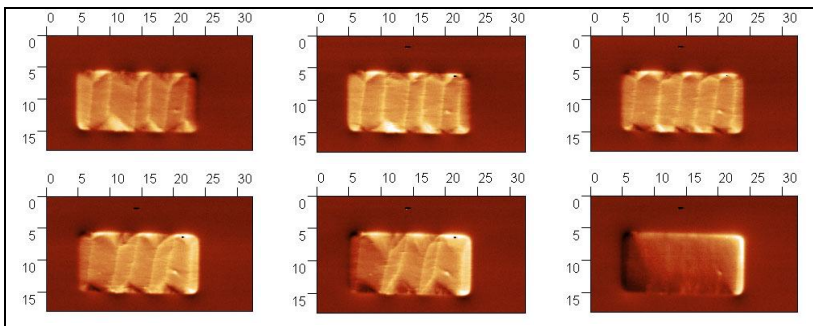
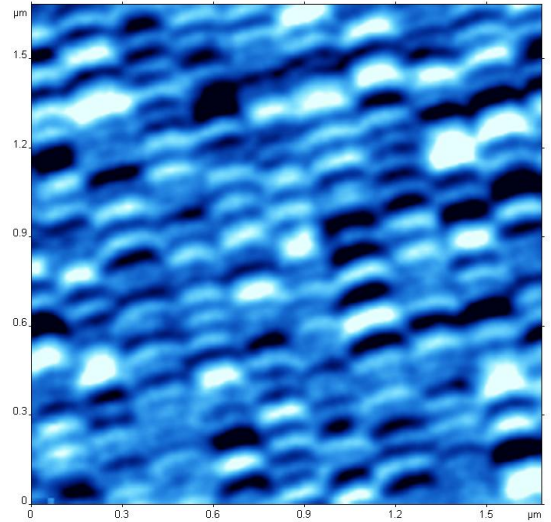
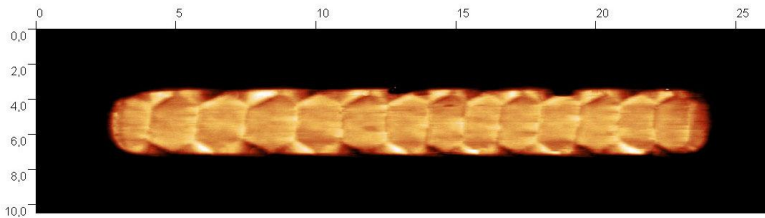
Investigation of materials using the SmartSPM™ scanning probe microscope in magnetic force microscopy (MFM) mode

Main features:

- ✓ High speed scanning of large areas (100x100 microns) with high resolution
- ✓ Optical viewing with 1 micron resolution
- ✓ Measurements in magnetic field



MFM image of ferrite garnet film (left).
Scan size 100x100 microns. 2048x2048 points.
Optical image of domain structure in polarized light (right).
The scanning area is selected.
Sample courtesy is F.V. Lisovsky.



Domain structure of CoCr stripe (top) and magnetic reversal of CoCr in external magnetic field.

Hard disk drive 750 Gb.
MFM image. Scan size 1,7 microns.