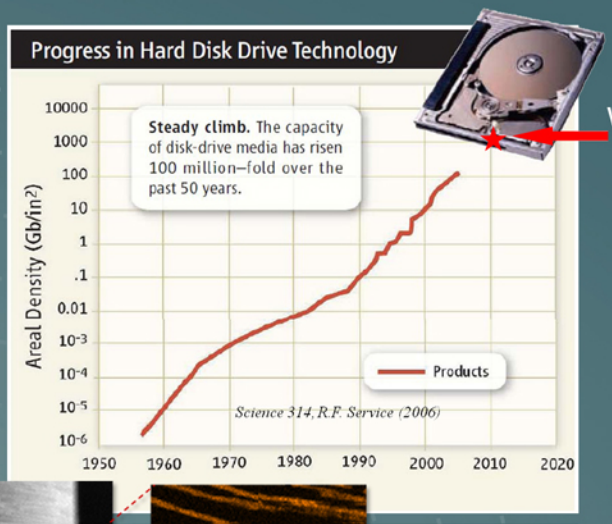
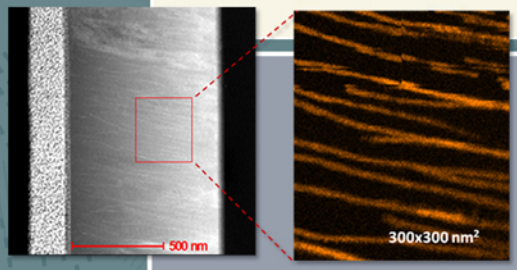
2011 R&D 100 Award Winner

Ultrahigh-Density Self-assembled Magnetic Storage Media

The technology allows data storage densities approaching and exceeding 1 TB/in^2.

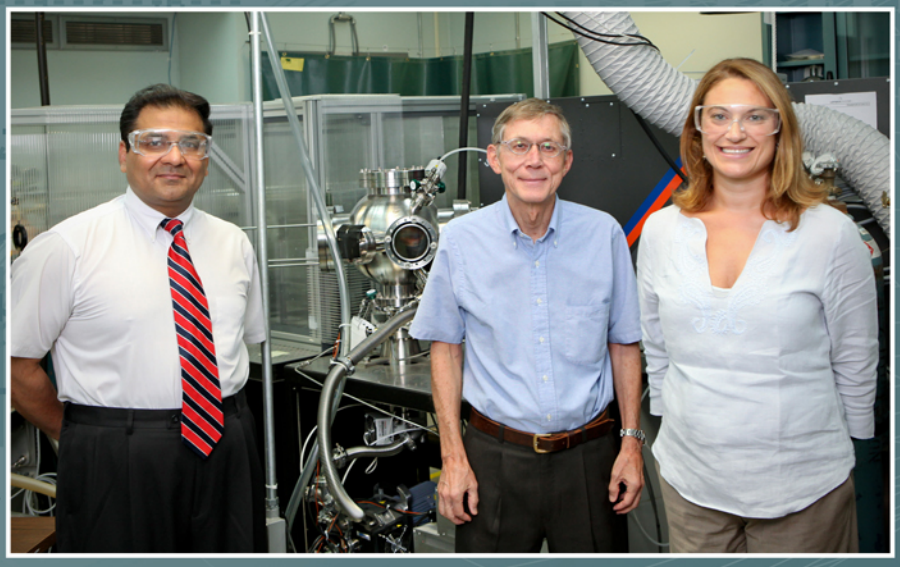




Ultrahigh-density storage media with controlled cobalt nanowires at nonoscale spacing in YSZ

Developed and submitted by
Oak Ridge National Laboratory

Sponsored by
ORNL Laboratory Directed Research and Development Program



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ORNL 11-G01085/mb