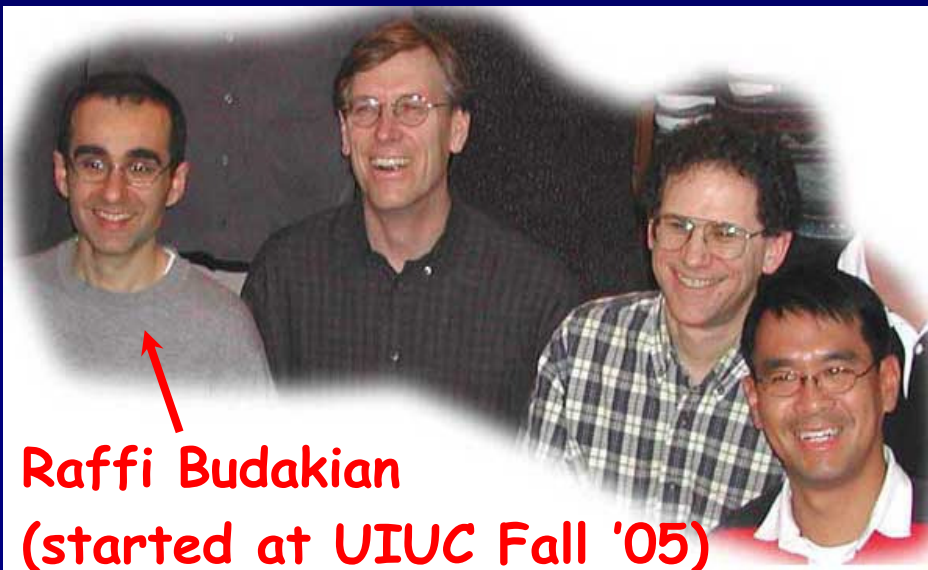
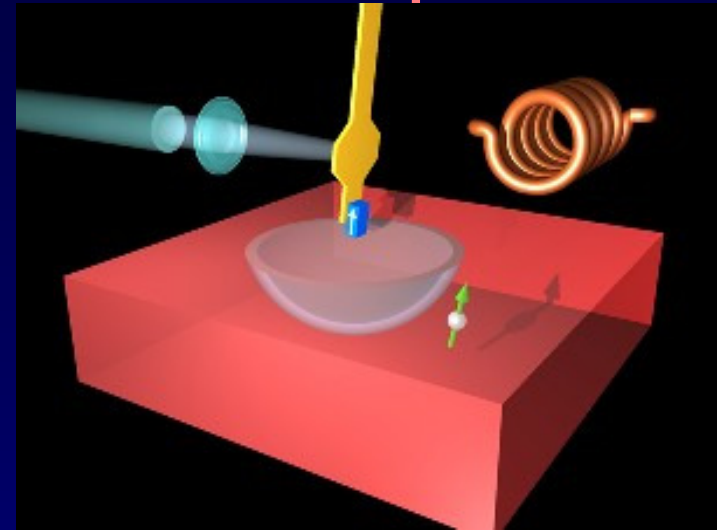
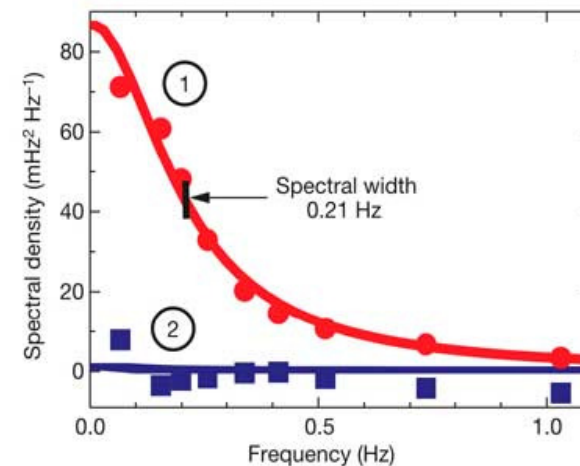


FYI: Recent Breakthrough - Detection of a single electron spin!

- (Nature July 14, 2004) -- IBM scientists achieved a breakthrough in nanoscale magnetic resonance imaging (MRI) by directly detecting the faint magnetic signal from a single electron buried inside a solid sample.



Raffi Budakian
(started at UIUC Fall '05)



Next step – detection of single nuclear spin (660x smaller).