



The Hebrew University Center
for Nanoscience & Nanotechnology



האוניברסיטה
העברית
בירושלים

Nano Seminar

Nanoscale magnetism and chirality

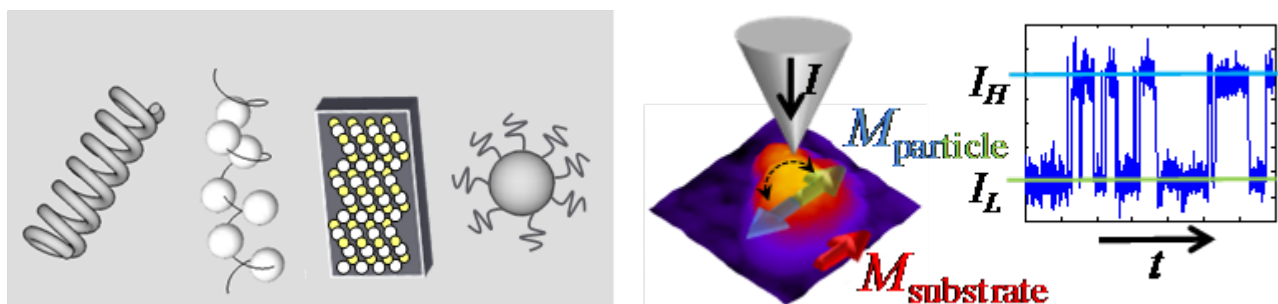
Prof. Gil Markovich

*School of Chemistry and Center for Nanoscience and
Nanotechnology, Tel-Aviv University, Tel-Aviv, Israel*

Abstract:

In the first part of the talk I will describe recent variable-temperature STM experiments that we did to explore the magnetization dynamics in single magnetite nanocrystals and a phase transition in those nanocrystals.

In the second part of the talk I will present our current interests in nanoscale chirality, which focuses on optical activity in inorganic nanostructures. Here I will concentrate mostly on plasmonic systems, where the interaction of chiral molecules leads to the appearance of circular dichroism in localized surface plasmon excitations.



Gathering & Refreshments at 10:50

Please contact Liron Dover at 6584919 if you are interested in meeting the lecturer.

Sunday, Mar. 20th 2015, 11:00 at the Seminar Hall
Los Angeles Building, entrance floor.