



The Hebrew University Center  
for Nanoscience & Nanotechnology



# Nano Seminar

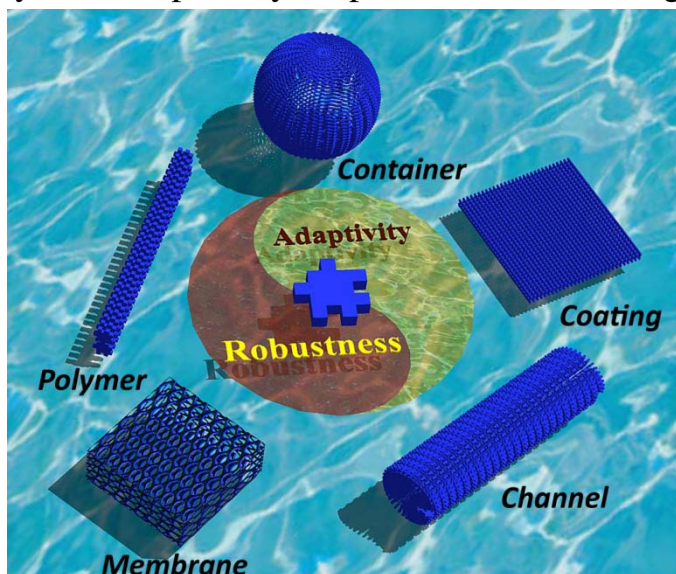
## Water-Based Noncovalent Nanomaterials

### Boris Rybtchinski

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#### Abstract:

Self-assembled nanoscale systems that are robust yet adaptive and prone to facile fabrication and reversible disassembly are of primary importance for creating multifunctional adaptive nanomaterials. We will present our work on water-based recyclable noncovalent membranes that can be used for size-selective separations of nanoparticles and biomolecules, advancing a paradigm of noncovalent nanomaterials as a versatile and environmentally friendly alternative to covalent systems. We will also describe emerging rational design principles for assembling organic nanocrystals and materials based on them.



**Gathering & Refreshments at 10:50**

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

**Sunday, Nov 29<sup>th</sup> 2015, 11:00 at the Seminar Hall**  
Los Angeles Building, entrance floor.