



# Carbon Nanostructures - from fundamentals to applications

**Thursday, January 13, 2011**  
Coler California Visitors Center, Technion, Haifa

- 8:45-9:20            **Reception, Coffee and Tea**
- 9:20-9:30            **Opening Remarks**
- 9:30-11:00        **First morning session**
- 9:30-10:00        **Yeshayahu Lifshitz ,Technion**  
"Carbon forms structured by energetic species : amorphous, nanotubes and crystalline"
- 10:00-10:30        **Oded Hod ,Tel Aviv University**  
"Stacking and registry effects in layered materials: The case of hexagonal boron nitride"
- 10:30-11:00        **Ernesto Joselevich, Weizmann Institute**  
"How do different nanotubes twist?"
- 11:00-11:30        **Coffee Break**
- 11:30-13:00        **Second morning session**
- 11:30-12:00        **Yachin Cohen ,Technion**  
"The structure of carbonized poly(acrylonitrile) nanofibers with embedded carbon nanotubes and their function as anodes for glucose fuel cells"
- 12:00-12:30        **Daniel Wagner, Weizmann Institute**  
"The mechanics of small objects: selected experiments from various landscapes"
- 12:30-13:00        **Oren Regev, Ben Gurion University**  
"Dispersant binding on carbon nanotubes"
- 13:00-14:00        **Lunch**
- 14:00-15:00        **Folman Lecture : Reshef Tenne, Weizmann Institute**  
"Inorganic nanotubes and inorganic fullerene-likes: A progress report"
- 15:00-15:30        **Get together**
- 15:30-17:30        **Afternoon Session**
- 15:30-16:00        **Rafi kalish, Technion**  
"Spintronics in diamond"
- 16:00-16:30        **Isaac Balberg, The Hebrew University**  
"Percolation properties in various carbon nanostructures embedded in polymers"
- 16:30-17:00        **Andrey Kaplan , University of Birmingham, UK**  
"Investigating graphite surface with intense femtosecond laser pulses – time resolved ablation and electron emission"
- 17:00-17:30        **Daniel Nessim, Bar Ilan University**  
"The issue of control in carbon nanotube synthesis: insights on the role of catalyst, underlayer, and precursor gases"
- 17:30-17:40        **Concluding Remarks**