

Technion-nanoGUNE-Barcelona Symposium

May 26-27, 2010

Auditorium 100 at the Department of Biotechnology and Food Engineering

Time	Wednesday, May 26	Time	Thursday, May 27
09:00-10:00	Opening: Introducing Technion, BCN and nanoGUNE	09:00-12:00	<i>Session III: Nanomaterials and Nanodevices</i>
10:00-11:00	<i>Session I: Nanomaterials and Nanomagnetism</i>		<u>09:00-09:30</u> Yuval Yaish (Technion)
	<u>10:00-10:30</u> Amit Keren (Technion)		<u>09:30-10:00</u> Felix Casanova (nanoGUNE)
	<u>10:30-11:00</u> Andreas Berger (nanoGUNE)		<u>10:00-10:30</u> Francesc Perez Murano (CNM-IMB-CSIC)
11:00-11:15	Coffee Break	11:00-11:15	Coffee Break
11:15-13:15	<i>Session II: Self Assembly and Microscopy</i>		<u>10:30-11:00</u> Yaron Paz (Technion)
	<u>11:15-11:45</u> Dganit Danino (Technion)		11:15-11:45 Jaime Veciana (ICMAB-CSIC)
	<u>11:45-12:15</u> Alexander Bittner (nanoGUNE)	11:45-13:45	Technion tour: Microscopy centers Nanoelectronics labs
	<u>12:15-12:45</u> Jordi Arbiol (ICMAB-CSIC)	13:45-14:45	Lunch (Technion)
	<u>12:45-13:15</u> Yachin Cohen (Technion)	15:00-17:00	<i>Session IV: Nano-Bio</i>
13:15-14:00	Lunch (Technion)		<u>15:00-15:30</u> Boaz Pokroy (Technion)
14:00	Excursion to Acre's old city and Dinner		<u>15:30-16:00</u> Isaac Ojea (ICN)
			<u>16:00-16:30</u> Jon Careaga Goicoechea (Bioftalmik)
			<u>16:30-17:00</u> Gerard Tobias (ICMAB-CSIC)
		17:00-17:20	Coffee Break
		17:20-18:00	Concluding and informal discussions
		20:00	Group dinner

Session I: Nanomaterials and Nanomagnetism

Amit Keren (Technion), *Electromagnetic radiation emanating from the molecular nanomagnet Fe₈*.

Andreas Berger (nanoGUNE), *Nano-magnetism research at CIC nanoGUNE.*

Session II: Self Assembly and Microscopy

Dganit Danino (Technion), *Insight into the mechanism of nanotube formation by chiral self-assembly of bioinspired amphiphiles.*

Alexander Bittner (nanoGUNE), *How to coat plant viruses and how to spin peptides.*

Jordi Arbiol (ICMAB-CSIC), *Advanced electron microscopy techniques applied to nanostructured materials: nanometrology solutions for nanoscience.*

Yachin Cohen (Technion), *Carbon nanotubes and polymers: dispersion, electrospinning and some applications.*

Session III: Nanomaterials and Nanodevices

Yuval Yaish (Technion), *Nano-Electron-Mechanical Systems based on Carbon Nanotubes.*

Felix Casanova (nanoGUNE), *Spin transport in nanodevices.*

Francesc Perez Murano (CNM-IMB-CSIC), *Nanofabrication and NEMS activities at IMB-CNM.*

Yaron Paz (Technion), *Photocatalysis and nano (structured) materials.*

Jaime Veciana (ICMAB-CSIC), *Switchable and bistable self-assembled nanolayers with electroactive organic radicals. A journey to molecular memories.*

Session IV: Nano-Bio

Boaz Pokroy (Technion), *Biomimetic surface engineering.*

Isaac Ojea (ICN), *Nanotoxicity Associated to Engineered Inorganic Nanoparticles.*

Jon Careaga (Bioftalmik), *Bioftalmik a new strategic & collaborative approach.*

Gerard Tobias (ICMAB-CSIC), *Exploring the applications of filled carbon nanotubes: drug delivery systems and radiotracing as examples in the biomedical field.*