



Embassy of Italy
Tel Aviv

ISRAEL-ITALY WORKSHOP ON ADVANCED MATERIALS

SYNTHESIS, CHARACTERIZATION, PROPERTIES, AND APPLICATIONS

27 JUNE 2022

THE NANOCENTER, BAR ILAN UNIVERSITY - BUILDING 206



9:00		Welcome & Workshop Overview @AUDITORIUM	
9:30		PLENARY TALK Prof. Lia Addadi - Weizman Institute, Officer of "Order of the Star of Italy" <i>Biogenic nano-scale mirrors and light scatterers, biogenic advanced functional materials engineered to fulfill optical functions</i>	
9:40	Prof. Leonardo Ricotti Scuola Sant'Anna di Pisa <i>Nanomaterials and ultrasound stimulation for regenerating human tissues</i>	9:50	Prof. Shachar Richter Tel Aviv University <i>Programmable nanostructures using Bio-assisted synthesis</i>
10:00	Prof. Fabio Biscarini University of Modena and Reggio Emilia & Istituto Italiano di Tecnologia <i>Nanoscale effects in organic transistors for bio- and neuroelectronics</i>	10:10	Prof. Boaz Pokroy Technion Haifa - Institute of Technology <i>From Biomineralization to advanced functional materials</i>
10:20	Prof. Graziella Malandrino Università degli Studi di Catania <i>Fabrication of advanced materials for energy harvester and energy conversion devices</i>	10:30	Prof. David Zitoun Bar Ilan University <i>Metallic Nanoparticle Synthesis: from atoms to devices</i>
10:40	Prof. Candido Fabrizio Pirri Politecnico di Torino <i>Materials and technologies for Energy transition</i>	10:50	Prof. Lioz Etgar Hebrew University, Jerusalem <i>Excitonic Solar Cells</i>
11:00-11:30 COFFEE BREAK (@ LOBBY GROUND FLOOR)			
11:30	Prof. Antonio d'Alessandro Sapienza Università di Roma <i>Photonic devices based on liquid crystals and gold nanoparticles</i>	11:40	Prof. Mindy Levine Ariel University <i>Bimanes: small fluorophores with expanding sensing applications</i>
11:50	Prof. Alberto Vomiero Ca' Foscari University of Venice <i>Composite nanostructures for energy and environment</i>	12:00	Prof. Ernesto Joselevich, Weizmann Institute <i>Shaping 1D Nanostructures with Surfaces</i>
12:10	Prof. Andrea Lamberti Politecnico di Torino <i>Advanced nanomaterials for electrochemical energy device</i>	12:20	Prof. Igor Rahinov The Open University of Israel <i>Smart synthesis of nanomaterials from the gas phase: insights gained by laser spectroscopy, mass spectrometry and numerical simulations</i>
12:30	Prof. Paolo Fornasiero Università degli studi di Trieste <i>Nanocatalysts for more sustainable chemical processes</i>	12:40	Prof. Menny Shalom Ben Gurion University <i>Carbon Nitride Layers as Light-Harvesting Semiconductors for Photoelectrochemical Cells</i>
12:50-14:20 LUNCH BREAK (@5TH FLOOR)			
14:20-15:30	FLASH TALKS @AUDITORIUM		Noa Lachaman-Senesh (TAU), Louisa Meshi (Ben Gurion University), Ilan Shalish (Ben Gurion University), Hanan Teller (Ariel University), Yaron Amouyal (Technion Haifa), Amos Bardea (HIT)
15:30-16:50	MIXER & NETWORKING @5TH FLOOR		Hannah-Noa Barad (Bar Ilan University), Dan Major (Bar Ilan University), Ariel Ismach (TAU), Lilac Amirav (Technion Haifa), Daniel Sharon (HUJI),
16:50			
CLOSURE @AUDITORIUM			

