



Embassy of Italy  
Tel Aviv



# ISRAEL-ITALY WORKSHOP ON ADVANCED MATERIALS

SYNTHESIS, CHARACTERIZATION, PROPERTIES, AND APPLICATIONS

27 JUNE 2022

THE NANOCENTER, BAR ILAN UNIVERSITY

## PROGRAM

9:00-13:00



Prof. Leonardo Ricotti  
Scuola Sant'Anna di Pisa  
*Nanomaterials and ultrasound stimulation for regenerating human tissues*



Prof. Fabio Biscarini  
University of Modena and Reggio Emilia & Istituto Italiano di Tecnologia  
*Nanoscale effects in organic transistors for bio- and neuroelectronics*



Prof. Graziella Malandrino  
Universita degli Studi di Catania  
*Fabrication of advanced materials for energy harvester and energy conversion devices*



Prof. Candido Fabrizio Pirri  
Politecnico di Torino  
*Materials and technologies for Energy transition*



Prof. Antonio d'Alessandro  
Sapienza Università di Roma  
*Photonic devices based on liquid crystals and gold nanoparticles*



Prof. Alberto Vomiero  
Ca' Foscari University of Venice  
*Composite nanostructures for energy and environment*



Prof. Andrea Lamberti  
Politecnico di Torino  
*Advanced nanomaterials for electrochemical energy device*



Prof. Paolo Fornasiero  
Università degli studi di Trieste  
*Nanocatalysts for more sustainable chemical processes*



Prof. Lia Addadi  
Weizmann Institute  
*Biogenic nano-scale mirrors and light scatterers, biogenic advanced functional materials engineered to fulfill optical functions*



Prof. Shachar Richter  
Tel Aviv University  
*Programmable nanostructures using Bio-assisted synthesis*



Prof. Boaz Pokroy  
Technion Haifa  
*From Biomineralization to advanced functional materials*



Prof. David Zitoun  
Bar Ilan University  
*Metallic Nanoparticle Synthesis: from atoms to devices*



Prof. Lioz Etgar  
Hebrew University, Jerusalem  
*Excitonic Solar Cells*



Prof. Mindy Levine  
Ariel University  
*Bimanes: small fluorophores with expanding sensing applications*



Prof. Ernesto Joselevich,  
Weizmann Institute  
*Shaping 1D Nanostructures with Surfaces*



Prof. Igor Rahinov  
The Open University of Israel  
*Smart synthesis of nanomaterials from the gas phase: insights gained by laser spectroscopy, mass spectrometry and numerical simulations*



Prof. Menny Shalom  
Ben Gurion University  
*Carbon Nitride Layers as Light-Harvesting Semiconductors for Photoelectrochemical Cells*

13:00-17:00

Light Lunch & Networking

Flash talks

Mixer: round tables with  
italian guests speakers

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