

Nanoscience and Technology Program FACULTY OF SCIENCE “2nd Nanoscience Day”

November 29, 2023

Venue: Auditorium 1

Time	Activities
09:30 - 10:30	Registration & Welcome drink
10:30 - 10:45	Opening Remarks and Welcome Speech Prof. Dr. Mohamed El-Shinawi GU President
10:45 - 11:30 + 5 min. discussion	Waste Recycling Technologies for Nanomaterial Manufacturing Sustainability Dr. Gomaa A. M. Ali Sanad Al Azhar University
11:35 - 12:20 + 5 min. discussion	“Computational Nanophotonics: Basics and Applications” Prof. Mohamed Farhat Osman Zewail City
12:30 - 01:30	Lunch break
	Workshop 1 (01:30 - 04:30) COMSOL Multi-Physics a Powerful Tool for Electromagnetic Devices Modelling Dr. Ahmed Heikal Galala University
	Workshop 2 (01:30 - 04:30) “Innovative drug delivery systems: the path to effective and safe treatment” Provesicular drug delivery systems Dr. Ali Nasr Galala University Dr. Mohmed Salah GalalaUniversity
01:30 - 01:50 + 5 min. discussion	“Energy Harvesting at the Nanoscale: Quantum Nanocrystals and Organic Solar Cells” Dr. Shaimaa Ali Mohamed Zewail City

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01:55 - 02:15 + 5 min. discussion	Recent advances in AFM-IR nano-spectroscopy: nanoscale spectroscopy and imaging of nanomaterials” Dr. Badawy Anis National Research Centre, Zewail City
02:20 - 02:35	Cellena Scientific
02:35 - 03:00	Coffee Break
03:00 - 03:20 + 5 min. discussion	"Solar Desalination, Effective approach for Energy conversion through nanoplasmonic solar absorber” Dr. Amr Awad Ibrahim Mansoura University
03:25 - 03:45 + 5 min. discussion	“Nanotechnology: From the Laboratory to Scalability and Application” Dr. Hassan Nageh The British University in Egypt
03:50 - 04:30	Closing Remarks and appreciation certificates

- Event Organizing Committee (Galala University):
Prof. Radwa Hassan, Prof. Hassan El-Dessouky, Dr. Ahmed Ibrahim.
- Workshops Organizing Committee:
Dr. Ahmed Heikal, Dr. Ali Nasr, Dr. Mohamed Salah.
- Sponsorship:
Galala University, Cellena Scientific.