

# Nanotechnology Virtual Conference 2024



## SCIENTIFIC PROGRAM

5th International Conference on Nanotechnology  
& Advanced Nanomaterials

July 26-27, 2024

Virtual Conference (Online Meeting)

**Delight Scientific Conferences**

**Office 1353 182-184 High Street North,**

**East Ham, London E6 2JA, UK**

**Phone Number: +44-7451246744**

**Email: [info@delightscientific.com](mailto:info@delightscientific.com)**



<https://nanotechnology.delightscientific.com/>

# SCIENTIFIC PROGRAM

Nanotechnology Virtual Conference 2024 | July-26-27, 2024

Timing: 10:00 AM

Time Zone: GMT+1, London, UK

July 26, 2024

Opening Ceremony

10:00-10:05 AM

## Keynote Speaker Session

10:05-10:30

**Dr. Linas Ardaravičius**, Center for Physical Sciences and Technology, Lithuania

**Presentation Title:** Determination of hot-carrier transport properties in GaN subjected to high pulsed electric fields

10:30-10:55

**Dr. Sowmya Dean**, Kuwait Institute of Scientific Research, Kuwait

**Presentation Title:** Enhancement of Gallium Oxide growth using metal nanoparticles

## Plenary Speaker Session

### Scientific Sessions

**Session 01:** Advances in Nanotechnology

**Session 02:** Materials Science

**Session 03:** Nano Medicine and Nano biotechnology

**Session 04:** Nanotechnology in Materials Science

**Session 05:** Nanobiology and Nanobiosystems

**Session 06:** Nanoscale materials and Structural materials

**Session 07:** Nano Robotics and Advanced 2D Materials

**Session 08:** Nano Drug Delivery and Therapeutics

### Sessions Chairperson

**Dr. Vandana P. Viswanathan**, Mahatma Gandhi University, India

**Dr. Reham Gamal Elfarargy**, American University in Cairo, Egypt

10:55-11:20

**Dr. Mihret Dejen Takele**, University of Gondar, Gondar, Ethiopia

**Presentation Title:** Prevalence and associated factors of frailty among community dweller older adults living in Gondar town, northwest, Ethiopia: A community based cross-sectional study

11:20-11:45

**Dr. Marwa Ahmed Abdelfattah**, Cairo University, Egypt

**Presentation Title:** Earthworm extract and bone regeneration: biomaterials as a future aspect.

11:45-12:10

**Dr. Ayoub Sabir Karim**, Salahaddin University -ERBIL, Iraq

**Presentation Title:** ZnO, CdO, and ZnO coated CdO core-shell nanoparticles: Their Preparation and Characterization via sol-gel route the effects of temperature and frequency on their electric conductivity

12:10-12:35

**Dr. Mudassar Sanaullah**, University of Education, Lahore, Pakistan  
**Presentation Title:** EMs and Non-EMs in Coconut Milk, Human Risk Assessment

12:35-13:00

**Dr. Zeeshan Ahmad**, University of Engineering and Technology Peshawar, Pakistan  
**Presentation Title:** Vulnerability of Non-Structural Elements (NSEs) in Buildings and Their Life Cycle Assessment: A Review

13:00-13:25

**Dr. Naveed Ashraf**, The University of Lahore, Pakistan  
**Presentation Title:** Development of a Compact Size Direct AC-to-AC Converter

13:25-13:50

**Dr. Sangeeta Gupta**, Sharda University, Greater Noida, Uttar Pradesh, India  
**Presentation Title:** Optimizing Time-Dependent Demand Materials: A Comprehensive Approach Considering Linear Deterioration Rate and Partial Backlogging in Supply Policies

13:50-14:15

**Dr. Reham Gamal Elfarargy**, American University in Cairo, Egypt  
**Presentation Title:** Graphitic Carbon Nitride Nanoheterostructures as Novel Platforms for the Electrochemical Sensing of the Chemotherapeutic and Immunomodulator Agent MTX

14:15-14:40

**Dr. Mimoun Benali**, Sidi Mohamed Ben Abdellah University, Morocco  
**Presentation Title:** Pricing Ability of Carhart Four-Factor and Fama-French Three-Factor Models: Empirical Evidence from Morocco

14:40-15:05

**Dr. Zeyun Cai**, Harbin Institute of Technology, China  
**Presentation Title:** Comparison of CrN Coatings Prepared Using High-Power Impulse Magnetron Sputtering and Direct Current Magnetron Sputtering

15:05-15:30

**Dr. Pratibha Sharma**, All India Institute of Medical Sciences, New Delhi, India  
**Presentation Title:** Electron microscopy techniques used for characterization of exosomes from various biofluids and cell culture

15:30-15:55

**Dr. Vandana P. Viswanathan**, Mahatma Gandhi University, India  
**Presentation Title:** A 0D/2D Heterojunction Composites of Polymeric Carbon Nitride and ZIF-8 derived ZnO for Photocatalytic Organic Pollutant Degradation

End of Session

Awards & Closing Ceremony

Delight Scientific Conferences  
Office 1353 182-184 High Street North,  
East Ham, London E6 2JA, UK  
Email: [info@delightscientific.com](mailto:info@delightscientific.com)  
Phone | WhatsApp Number: +44-7451246744