Nanotechnology Virtual Conference 2026

SCIENTIFIC PROGRAM

8th International Conference on Nanotechnology & Advanced Nanomaterials

October 17-18, 2026 | Virtual Conference

Delight Scientific Conferences

Office 1353 182-184 High Street North,
East Ham, London E6 2JA, UK

Phone Number: +44-7451246744

Email: info@delightscientific.com



https://nanotechnology.delightscientific.com/

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Nanotechnology Conference 2026, October 17–18, 2026

Time: 09:00 AM **Time Zone: GMT+1, London, UK**

October 17, 2026

Opening Ceremony | 09:00 AM

Keynote Speaker Session

Presentation Time: 09:05-09:30

Dr. Rida Tajau, Malaysian Nuclear Agency, Malaysia
Presentation Title: Optimization of Graphene Oxide Nanofiller Loading for Enhanced Mechanical Properties of Natural Polymer-Based UV-Curable Polyurethane Coatings

09:30-09:55

Dr. Xiaoxiao Wu, Nanjing Institute of Product Quality Inspection, China
Presentation Title: Determination of 14 Quinolones Antibiotics in Edible Meat by Nanofiber Solid-Phase Extraction Combined with Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry

09:55-10:20

Dr. Reetika Rawat, Devsthali Vidyapeeth College of Pharmacy, India
Presentation Title: Clarithromycin-Loaded Nano Lipid Carriers: Pharmacokinetic and Pharmacodynamic Evaluation

10:20-10:45

Dr. Jood adnan Abed Alansari, King Abdulaziz University, Saudi Arabia
Presentation Title: Single versus Symmetric Ag/PTFE/Si Hybrid Plasmonic Waveguides: Confinement and Propagation Trade-off at 1550 nm

10:45-11:10

Dr. Kiryowa Idrisa, ITMO University, Russia
Presentation Title: Antibacterial Potential of 1,2,3,4,6-Penta-O-Galloyl-D-Glucopyranose (PGG) from Mango Seed Kernel: Molecular Insights into Binding with Bacterial Membranes

11:10-11:35

Dr. Mirosław Szwed, Jan Kochanowski University, Poland
Presentation Title: Integration of SEM/EDS Analysis with Artificial Intelligence in Environmental Air Quality Monitoring

11:35-12:00

Dr. Alessandro Landi, University of Salerno, Italy
Presentation Title: Predicting Efficiency of Organic Optoelectronic Devices: a multiscale protocol from Charge-Transfer Mechanisms to Device-Level Performances

12:00-12:25

Dr. Aravindh sadhanandham, Veeco Instrument Inc. ,USA
Presentation Title: Integrated Contamination Control Strategies for Semiconductor Systems: Surface Engineering, Environmental Control, and Materials Engineering

Plenary Speaker Session

Scientific Sessions

Session 01: Advances in Nanotechnology
Session 02: Nanomaterials and Nanotechnology
Session 03: Nano Medicine and Nano biotechnology
Session 04: Ceramics and Magnetic Materials
Session 05: Dielectric, Electronics, Optics and Magnetic
Session 06: Metallurgy, Corrosion and Mining
Session 07: Emerging Smart Materials

Sessions Chairperson

Dr. Lin Feng Ng, Universiti Teknologi Malaysia (UTM), Malaysia

Dr. Frelet-Barrand A, FEMTO-ST institute, CNRS UMR 6174, Bourgogne Franche-Comte University, France

Presentation Time: 12:25-12:50

Dr. Vladimir G. Chigrinov, Hong Kong University of Science and Technology, Hong Kong
Presentation Title: Photoaligned Azodye Nanolayers : New Trends for Liquid Crystal Devices

12:50-13:15

Dr. Rubiya Samad, India
Presentation Title: Dielectric, Magnetic, and Electrochemical Insights of Cobalt Ferrite via Praseodymium Substitution

13:15-13:40

Dr. Mohammad Kamil, Lotus Holistic Health Institute Abu Dhabi, UAE
Presentation Title: Herbal Medicine and Nanotechnology

13:40-14:05

Dr. Shya Reynolds, University of Oklahoma Health Sciences Center–Stephenson Cancer Center, USA
Presentation Title: Engineering Therapeutic Nanoparticles to Induce Cancer Immunity

14:05-14:30

Dr. William F. Lawless, Paine College, USA
Presentation Title: Squeezing structural entropy interdependently increases human-machine team performance, and loses structural information as predicted

14:30-14:55

Dr. Dener da Silva Souza, São Paulo State University, Brazil
Presentation Title: Recycling of Post-Consumer Silica Gel Desiccants as Reinforcing Filler in Natural Rubber Composites: The Effect of Coupling Agents and Comparison with Commercial Silicas

14:55-15:20

Dr. Nikhat Firdaus, Aligarh Muslim University, India
Presentation Title: Eco-friendly Biofabrication and Antimicrobial Assessment of Chromium–Manganese Nanocomposites

15:20-15:45

Dr. Saleha Qurashi, Sustainable Development Policy Institute (SDPI), Pakistan
Presentation Title: Driving Parameters for Technology Penetration in Pakistan:A Case Study for Indoor LED Lighting

15:45-16:10

Dr. Refka Sai, University of Carthage, Tunisia
Presentation Title: mpact of Iron Pyrite Nanoparticles Sizes in Photovoltaic Performance

16:10-16:35

Dr. Yu Yang , Chengdu University of Technology, China
Presentation Title: Characteristics of Debris Flow Activities at Different Scales after the Disturbance of Strong Earthquakes A Case Study of the Wenchuan Earthquake-Affected Area

16:35-17:00

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

17:00-17:25

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

17:25-17:50

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

17:50-18:15

Dr. André Galembeck, Federal University of Pernambuco (UFPE), Brazil
Presentation Title: Correlative microscopy as a strategy to elucidate the mechanisms of silver nanoparticle activity against cariogenic bacteria

18:15-18:40

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

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Phone | WhatsApp Number: +44-7451246744