

Nanotechnology Virtual Conference 2026



SCIENTIFIC PROGRAM

7th International Conference on Nanotechnology
& Advanced Nanomaterials

June 20-21, 2026 | Virtual Conference

Delight Scientific Conferences

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

SCIENTIFIC PROGRAM

Nanotechnology Conference 2026, June 20-21, 2026

Time: 09:00 AM

Time Zone: GMT+1, London, UK

June 20, 2026

Opening Ceremony:

09:00 AM

Keynote Speaker Session

Presentation Time: 09:05-09:30

Dr. Nikhat Firdaus, Aligarh Muslim University, India

Presentation Title: Eco-friendly Biofabrication and Antimicrobial Assessment of Chromium–Manganese Nanocomposites

09:30-09:55

Dr. Refilwe Matshitse, Sefako Makgatho Health Sciences University, South Africa

Presentation Title: Green Synthesis of Graphene Quantum Dots (GQDs) and Carbon Dots (CDs) Mediated with Erythrina caffra for Potential Antiviral Properties Against SARS-CoV-2

09:55-10:20

Dr. Saad A. Aljlil, King Abdulaziz City for Science and Technology (KACST), Saudi Arabia

Presentation Title: Sustainable Nanostructured Ceramic Ultrafiltration Membranes Derived from Yellow Clay, Olive Waste Biochar and Waste Glass for Oil-Water Separation

10:20-10:45

Dr. Mohammad Kamil, Lotus Holistic Health Institute Abu Dhabi, UAE

Presentation Title: Herbal Medicine and Nanotechnology

10:45-11:10

Dr. Vladimir G. Chigrinov, Hong Kong University of Science and Technology, Hong Kong

Presentation Title: Photoaligned Azodye Nanolayers : New Trends for Liquid Crystal Devices

11:10-11:35

Dr. Dinesh Shah, Tribhuvan University, Nepal

Presentation Title: Himalayan Essential Oils as a Green Solvents: A Novel Paradigm in Polymer Nano Processing

11:35-12:00

Dr. Rubiya Samad, Department of Physics, Central University of Kashmir, India

Presentation Title: Effect of Mn doping on Energy storage and magneto-dielectric properties of Ba_{0.90}Dy_{0.10}TiO₃-NiFe₂O₄ core shell multiferroic nanocomposite

12:00-12:25

Dr. Cacilda Helena Chivai, Pedagogical University of Maputo, Mozambique

Presentation Title: Geometric Sections and Nanostructures: Dynamic Modeling with GeoGebra in Nanotechnology

12:25-12:50

Dr. Pawan K. Khanna, Defence Institute of Advanced Technology (DIAT), India

Presentation Title: II-VI semiconductor quantum dots and their magic sized counterparts

12:50-13:15

Dr. Samuel Eshorame Sanni, Covenant University, Nigeria & Parul University, India

Presentation Title: Advances in Green Nano-material Synthesis, Characterization, Toxicity Protocols and Applications from Multi-, Intra- and inter-disciplinary Modern-day Research

13:15-13:40

Dr. Jorge Oliva, UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, Mexico

Presentation Title: Carbon Compounds Synthesized from Recycled Graphite (Recovered from LIB Batteries) for high performance flexible Supercapacitors

13:40-14:05

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

14:05-14:30

Dr. Fozia Aslam, College of Environmental Sciences and Engineering Yangzhou University China

Presentation Title: Crab Shell Biochar and Compost Synergistically Mitigate Heavy Metal Toxicity in Soil-Plant System

14:30-14:55

Dr. Ramphal Sharma, IIS (deemed to be University) Jaipur, India

Presentation Title: Economical and Sustainable Development of Nanostructured materials engineering for Lubrications, Photovoltaic, Gas Sensors, and Energy Storage Applications

14:55-15:20

Dr. Khadija El Ouardy, IBN ZOHR University, Morocco

Presentation Title: pH Controlled Green Synthesis of Silver Nanoparticles and Their Application on Titanium Implants for Biofilm Prevention

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

15:20-15:45

Dr. Rkia Zari, Hassania School of Public Works, Morocco

Presentation Title: Eco-friendly synthesis of sodium alginate modified zeolite from fly ash composite hydrogel for efficient removal of methyl orange from water

15:45-16:10

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

16:10-16:35

Dr. Hamza Abbas, Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Pakistan

Presentation Title: Flow Control & Actuation in Paper Based Microfluidics

16:35-17:00

Dr. Hafiza Faheela, Karachi Institute of Economics and Technology, Pakistan

Presentation Title: Appliation of Adaptive Algorithms on Ultrasound Imaging

17:00-17:25

Dr. Sabu Thomas, Mahatma Gandhi University, India

Presentation Title: Engineering at the Nanoscale: A Strategy for Developing High Performance Functional Materials from Biopolymers

17:25-17:50

Dr. Ayub Ahmed Janvekar, VIT, Chennai, India

Presentation Title: Impact of advanced porous materials for stable submerged flame in micro burners

17:50-18:15

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

18:15-18:40

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

18:40-19:05

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

End of Session

Awards & Closing Ceremony

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