

Global Conference on
**Material Science and
Nanotechnology**

April 28-30, 2025

**Theme: Emerging Trends and
Breakthroughs in Material Science
and Nanotechnology**

VIRTUAL - Greenwich Mean Time (GMT)

Email: Nanotechnology@irisscientificgroup.org

Web: <https://worldnanotechnologycongress.com/>

Webinar Time Zone (GMT)	Speaker Time Zone	
08:30-09:00		AV Check and Introduction

Keynote Presentations

09:00-09:40	12:00-12:40	Title : Thermoelectronic Efficiency Stanislav Ordin, Russian Academy of Sciences, Russia
09:40-10:20	17:40-18:20	Title : Azodye photoaligned nanolayers for liquid crystals: new applications Vladimir G. Chigrinov, Hong Kong University of Science and Technology, Hong Kong
10:20-11:00	13:20-14:00	Title : Application of our nanotechnological LitAr material for treatment of complex deceases Valyaev Alexander, Russian Academy of Sciences, Russia
11:00-11:40	08:00-08:40	Title : Exploring cuprous oxide polycrystalline thin films as an improved sensor for chemicals Paulo Cesar De Moraes, Catholic University Of Brasilia, Brazil

Plenary talk

11:40-12:40	06:40-07:40	Title : Wave scattering by many small particles, creating materials with a desired refraction coefficient and other applications Alexander G. Ramm, Kansas State University, USA
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Poster Presentations

12:40-12:50	14:40-14:50	Title : Technology and electrophysical properties of three-component multiferroic composites Dariusz Bochenek, University of Silesia in Katowice, Poland
12:50-13:00	14:50-15:00	Title : Technology and dielectric properties of multicomponent PZTtype ceramics modified with europium/tungsten Dagmara Brzezińska, University of Silesia in Katowice, Poland

Oral Presentations

13:00-13:20	18:30-18:50	Title : TLR agonist studded nanoparticles as antigen delivery platform: prophylactic and chemotherapeutic potential against experimental murine tuberculosis Mohmmad Owais, IBU. Aligarh Muslim University, India
13:20-13:40	18:50-19:10	Title : Organic-Inorganic Hybrid Material for High Performance Electronic Devices Arun Kumar Singh, Guru Ghasidas Vishwavidyalaya, India
13:40-14:00	19:10-19:30	Title : Activated carbon Subash Chandra Mishra, India
14:00-14:20	22:00-22:20	Title : The Physics Behind Nanotechnology & Mathematical Modelling Christopher Oluwatobi Adeogun, South China University of Technology, China
14:20-14:40	23:20-23:40	Title : Tuning the Optical and electrical properties of CoWO ₄ Systems by Cu Doping Naseem Ahmad, Kunsan National University, Korea, Republic of
14:40-15:00	20:10-20:30	Title : Tailored NiFe ₂ O ₄ nanostructures: Synthesis, Structural, Vibrational, Magnetic study Manojit De, Guru Gobind Singh Educational Society's Technical Campus, India
15:00-15:20	20:00-20:20	Title : Polyaniline/ZnO Hybrid Nanocomposite: Morphology, Spectroscopy and Optimization of ZnO Concentration for Photovoltaic Applications Shabina Ali, Abdul Wali Khan University Mardan, Pakistan
15:20-15:40	23:20-23:40	Title : Iron, Copper, and Zinc oxide nanoparticles supported on graphene oxide nanosheets using pulsed laser ablation process in liquid medium Maryam Motallebi Aghgonbad, Urmia University, Iran, Islamic Republic of

15:40-16:00	21:10-21:30	<p>Title : Life Enhancement of Fluid end using surface engineering on 4330V steel</p> <p>Rajkumar Singh, Kalyani Center for Technology and Innovation, India</p>
16:00-16:20	19:00-19:20	<p>Title : Review on structural and electrical properties of Co- Mn -Zn and its applications</p> <p>Asmaa Reda Abd EL-Salam, Sadat City University, Egypt</p>
16:20-16:40	21:50-22:10	<p>Title : AI-Driven Mathematical Modeling for Optimizing Nanofluid Heat Transfer Systems</p> <p>Santoshi Misra, St. Ann's College for women, India</p>
16:40-17:00	21:40-22:00	<p>Title : Irreversible and reversible reactive chromatography: analytical solutions and moment analysis for rectangular pulse injections</p> <p>Sameena Bibi, Air University, Pakistan</p>
17:00-17:20	22:30-22:50	<p>Title : Comparative studies of diamond thin films on diamond substrates</p> <p>Bilal Ahmad Reshi, Narsimha Reddy Engineering College, India</p>
17:20-17:40	22:50-23:10	<p>Title : Hydrothermal Synthesis of Two-dimensional Nanoparticles for Nano lubricant Applications : A Pathway for Enhanced Efficiency</p> <p>S.V.A.R.Sastry, Harcourt Butler Technical University, India</p>
17:40-18:00	23:10-23:30	<p>Title : Use Of Nano Materials In Photocatalytic Treatment Of Waste Water</p> <p>Suresh C Ameta, PAHER University, India</p>
18:00-18:20	21:00-21:20	<p>Title : Impact of Magnetite Nanoparticles (ICNB) on Protein and Lipid Bond Stability in Preserved Erythrocyte Membranes</p> <p>Andrey Belousov, Intensive Care Kharkiv National Medical University, Ukraine</p>
18:20-18:40	21:50-22:10	<p>Title : New Approach for nanomaterials Solar Cells with SCAPS-1D</p> <p>Meraj Rajaei, Department of Electrical Engineering National University of Skills (NUS), Iran</p>

18:40-19:00	19:40-20:00	Title : Characterization of Itagunmodi Southern Nigeria Alluvial Gold Ore Nano-particles using SEM-EDX Method Olaniyi Awe, Obafemi Awolowo University, Nigeria
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Keynote Presentations

19:00-19:40	22:00-22:40	Title : Anti-Graphene Stanislav Ordin, Russian Academy of Sciences, Russia
19:40-20:20	23:10-23:50	Title : Let's train our brain to peak our intellectual skills up; breakthrough multiaspects sustainable technologies and products Roya Dastjerdi, Yazd University, Iran