

(GCMN-2025)

Global Conference on

Material Science and Nanotechnology

April 28-30
2025

Virtual Event

Theme: Emerging Trends and
Breakthroughs in Material Science
and Nanotechnology

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Keynote Presentations

Alexander G. Ramm

Kansas State University, USA

Title : Wave scattering by many small particles, creating materials with a desired refraction coefficient and other applications

Stanislav Ordin

Russian Academy of Sciences, Russia

Title : Thermoelectronic Efficiency

Vladimir G. Chigrinov

Hong Kong University of Science and Technology, Hong Kong

Title : Azodye photoaligned nanolayers for liquid crystals: new applications

Paulo Cesar De Moraes

Catholic University Of Brasilia, Brazil

Title : Exploring cuprous oxide polycrystalline thin films as an improved sensor for chemicals

Roya Dastjerdi

Yazd University, Iran

Title : Let's train our brain to peak our intellectual skills up; breakthrough multiaspects sustainable technologies and products

Valyaev Alexander

Russian Academy of Sciences, Russia

Title : Application of our nanotechnological LitAr material for treatment of complex deceases

Keynote Presentation slots are available

Oral Presentations

Liyu Zhang

Xi'an Children's Hospital, China

Title : The mechanism study of selective cytotoxicity of a conformationally tunable bifunctional aptamer against tumor cells

Boris Borisovich Zobnin

International Academy of Ecology, Russia

Title : Methodology for the elimination of accumulated damage objects in the territories of flooded copper mines in the Middle Urals

Maryam Haditale

University of Kurdistan, Iran,
Islamic Republic of

Title : Graphene as a Fantastic Material and its Effect on the World's Future

Mohammad Owais

IBU. Aligarh Muslim University, India

Title : TLR agonist studded nanoparticles as antigen delivery platform: prophylactic and chemotherapeutic potential against experimental murine tuberculosis

Zanib Khan

Comsats, Pakistan

Title : Preparation and in-vitro evaluation of tamoxifen conjugated eco-friendly, agar-based hybrid magnetic nanoparticles for their potential use in breast cancer treatment

David Ofosu-Yeboah

University of Ghana, Ghana

Title : Assessing the electrochemical performance of activated carbon synthesized from ripe plantain peel wastes for supercapacitor electrodes

Talha Rauf Aligarh Muslim University, India	Title : Potential of Ligand Studded Multifunctional Nanoparticles in Selective Delivery of Anticancer Agents
Swaleha Zubair Aligarh Muslim University, India	Title : Amphotericin B nano-assemblies circumvent intrinsic toxicity and ensure superior protection in experimental visceral leishmaniasis with feeble toxic manifestation
Sellidj Abdelaziz USTHB, Algeria	Title : microstructural evolution of deposits
Meraj Rajae Department of Electrical Engineering National University of Skills (NUS), Iran	Title : New Approach for nanomaterials Solar Cells with SCAPS-1D
Jameel Hamna Aligarh Muslim University, India	Title : Potential of Subtilosome mediated siRNA delivery in the Treatment of Diethylnitrosamine-Induced Hepatocellular Carcinoma
Abdisa Sisay Mekonnin Silesian University of Technology, Poland	Title : Wear and Friction in Bio-Implants
Muhammad Farhan Punjab University, Pakistan	Title : Blue-emitting boron nitride quantum dots

Andrey Belousov

Intensive Care Kharkiv National Medical
University, Ukraine

Title : Impact of Magnetite Nanoparticles (ICNB) on Protein and
Lipid Bond Stability in Preserved Erythrocyte Membranes

Sourav Sarkar

S N Bose National Centre for Basic
Sciences, India

Title : Geometry mediated interconvertibility between spin-glass
and superparamagnetic relaxation in spinel ferrite nanostructures

Christopher Oluwatobi Adeogun

South China University of Technology,
China

Title : The Physics Behind Nanotechnology & Mathematical
Modelling

Oral Presentation slots are available

Poster Presentation

Boudiaf Mohamed

Universty Of Skikda, Algeria

Title : Metallurgical Techniques and the Development of
Structural Materials

Poster Presentation slots are available