

2ND GLOBAL CONFERENCE ON

MATERIAL SCIENCE
AND NANOTECHNOLOGY

13-14 APRIL, 2026 | ONLINE EVENT

CONFERENCE SCHEDULE

Day-1 Virtual @Zoom Meeting

DAY 01

Monday

APRIL 13

09:30-10:00	AV Check and Introduction
10:00-12:00	Keynote Sessions
12:00-16:20	Oral Sessions
16:20-17:20	Plenary Session
17:20-17:50	Poster Sessions

Day-2 Virtual @Zoom Meeting

DAY 02

Tuesday

APRIL 14

09:30-10:00	AV Check and Introduction
10:00-12:40	Keynote Sessions
12:40-16:00	Oral Sessions

Important Information

1. The conference schedule is based on Central European Summer Time (CEST) for all virtual sessions.
2. Timings labelled as “Local Time” correspond to the respective presenter’s time zone.
3. All sessions will be conducted virtually via Zoom.
4. Participants are kindly requested to remain available on Zoom throughout the day, as slight adjustments to the schedule may occur due to technical issues or unforeseen presenter no-shows.

09:30-10:00

AV Check and Introduction

CEST

Local Timing

Keynote Virtual

Keynote Presentations

10:00-10:40 11:00-11:40  **Stanislav Ordin**
Russian Academy of Sciences, Russian Federation

Title: Nano technologies and physics of the missing scale

10:40-11:20 10:40-11:20  **Konstantin Zsukovszki**
HUN-REN Wigner RCP, Hungary

Title: Ion energy boost and enhanced energy transfer from laser radiation to matter with resonating nanoantennas

11:20-12:00 14:50-15:30  **Yashu Swami**
Manav Rachna International Institute of Research and Studies, India

Title: Smart nanoelectronics: Integrating AI and ML in materials design and nanoscale device optimization

Oral Virtual

Oral Presentations

12:00-12:20 12:00-12:20  **Antonio Pantano**
University of Palermo, Italy






Title: Characterizing nanoparticle dispersion with a novel micro thermographic approach based on pulsed laser excitation

12:20-12:40 12:20-12:40  **Lucia Mergola**
University of Salento, Italy

Title: Photothermal activity evaluation of grape marc-mediated gold nanoparticles and their applicability in antimicrobial disinfection and photothermal cancer therapy

12:40-13:00 18:40-19:00  **Sachin Sharma Ashok Kumar**
Taylor's University, Malaysia

Title: The development of graphene oxide-based nanocomposite coatings as anti-corrosion novel surfactant

13:00-13:20	16:00-16:20	 Abdul Muneeb University of Engineering and Technology, Pakistan	Title: Dielectric barrier discharge Plasma based modification of synthesized Ag-TiO₂ nanocomposites for enhancement of photocatalytic activity from UV to visible region
13:20-13:40	19:20-19:40	 Lili Sun GTTC, China	Title: Rapid screening methods of harmful chemicals in textiles
13:40-14:00	17:10-17:30	 Michael Anjello Jothi Rajan Aadhavan Educational and Research Trust, India	Title: Ethics of nanotechnologies driven engineering: The often overlooked and missing component in research
14:00-14:20	15:00-15:20	 Andrey Belousov Intensive Care Kharkiv National Medical University, Ukraine	Title: Uncovering novel antibacterial mechanisms of magnetite nanoparticles (MCS-B) A new frontier in nanomedicine
14:20-14:40	17:50-18:10	 Dharmendra Kumar Swami Vivekananda Subharti University, India	Title: Quercetin loaded banana starch nanoparticles: A novel anti cancer delivery system
14:40-15:00	15:40-16:00	 Haim Livni Oslo Reliability, Israel	Title: Nano reliability models
15:00-15:20	16:30-16:50	 Moqadasi Hamideh University of Tehran, Iran (Islamic Republic of Iran)	Title: Temporal single spike coding and learning for effective transfer learning
15:20-15:40	15:20-15:40	 Arash Ebrahimi Comenius University Bratislava, Slovakia	Title: Novel ammonia atmosphere assisted synthesis of zeolitic imidazolate framework 7 for efficient nanophotocatalysis

15:40-16:00 17:10-17:30  **Ahmad Reza Rastkar**
Shahid Beheshti University, Iran, Islamic Republic of
Title: Formation of vertically aligned carbon nanotubes on metal substrates

16:00-16:20 10:00-10:20  **Gregory L. Light**
Providence, United States
Title: On pauli matrices and the implied spacetime geometry

Oral Virtual

Plenary Presentation


16:20-17:20 09:20-10:20  **Alexander G Ramm**
Kansas State University, United States
Title: Creating materials with a desired refraction coefficient and other applications

Oral Virtual

Poster Presentations

17:20-17:30 09:20-09:30  **Fernanda Retana**
UANL, Mexico
Title: Effect of aluminum doping concentration on the corrosion performance of electrophoretically deposited ZnO coatings on A36 steel

17:30-17:40 09:30-09:40  **Eugenia del Carmen León Jiménez**
National Technological Institute of Mexico, Mexico
Title: Effects of greenly bimetallic nanoparticles applied in maize crops fields on native bees melipona beecheii

17:40-17:50 16:40-16:50  **Armand Tchakounte Ngoungue**
University of Douala, Cameroon
Title: Optimization of the synthesis of a geopolymer based on volcanic slag and iron filings for the decolorization of used palm kernel oil employed in electrical transformers

Day 1 Concluded

09:30-10:00 AV Check and Introduction
CEST Local Timing


Keynote Virtual

Moderator:
Sofica Bistriceanu,
Academic Medical Unit - CMI, Romania

Keynote Presentations

10:00-10:40 13:30-14:10  **S.V.A.R.Sastry**
Harcourt Butler Technical University, India
Title: Bio synthesis and characterization of plectranthus amboinicus derived silver nanoparticles impregnated with zeolite

10:40-11:20 16:40-17:20  **Kung Chung Yuan**
National Chung Hsing University, Taiwan
Title: The direct evidence of relation between Penrose tiling and Quasi crystal

11:20-12:00 12:20-13:00  **Osman Adiguzel**
Firat University, Turkey
Title: Shape reversibility and the role of twinning reactions in martensitic transformations in shape memory alloys









12:00-12:40 07:00-07:40  **Paulo Cesar De Morais**
Catholic University of Brasilia, Brazil
Title: Exploring nanomagnetism of molecular-dressed ultrafine nanoparticles

Oral Virtual

Oral Presentations

12:40-13:00 11:40-12:00  **Ben Campbell Biezanek**
Researcher, United Kingdom
Title: The exponential polar manifold

13:00-13:20 13:00-13:20  **Aghapy Yermans Yakoup**
Zewail City of Science and Technology, Egypt
Title: Characterization, antibacterial, and cytotoxic activities of silver nanoparticles using the whole biofilm layer as a macromolecule in biosynthesis

13:20-13:40	14:20-14:40	 Tesfaye Feyisa Hurrisa Adama science and technology university, Ethiopia	Title: Near infrared thermal emitter based on nano scale grating metamaterial for thermo photovoltaic power generation
13:40-14:00	19:40-20:00	 Muhammad Abdurrahman Munir University of Malaysia, Malaysia	Title: Fabrication and characterization of new bio-based electrode polyurethane: Diverse conducting materials impacts such as graphene oxide, gold, and carbon nanotube
14:00-14:20	17:00-17:20	 Musaab Habib Bangash Public Health Engineering Department, Pakistan	Title: Laboratory validation of chlorine dose effect on disinfection by products formation in water distribution networks
14:20-14:40	15:50-16:10	 Fatemeh Omidian University of Tehran, Iran, Islamic Republic of	Title: Dynamic behavior of water nanodroplets on inclined au(100) surfaces: Influence of tilt angle on motion and deformation
14:40-15:00	15:40-16:00	 Enis Sert Çankırı Karatekin University, Turkey	Title: From perovskites to spinel ferrites: Toward optimized magnetic nanoparticles for hyperthermia applications
15:00-15:20	18:00-18:20	 Shahab Khan University of Malakand, Pakistan	Title: Synthesized tio₂ nanoparticles mitigating salinity stress in okra plants via foliar application
15:20-15:40	16:20-16:40	 Leonard Mwaikambo University of Dar es Salaam, Tanzania	Title: Structure-property relationship of cellulosic fibres
15:40-16:00	19:10-19:30	 J Bagyalakshmi Sri Ramakrishna Institute of Paramedical Sciences College of Pharmacy, Indi	Title: Characterization and evaluation of green synthesised selenicereus undatus silver nanoparticles of the fruit peel for anti diabetic activity

Day 2 Concluded

UPCOMING CONFERENCES

3rd Global Conference on
Material Science and Nanotechnology
March 04-06, 2027 | Singapore & Online
<https://worldnanotechnologycongress.com/>

QUERIES? CONTACT

Ph: +1 214 731 7766 | Whatsapp: +1 214-831-3945

Or

Nanotechnology@irisscientificgroup.org