

**Tentative Program**

# **2<sup>nd</sup> Global Conference on Material Science and Nanotechnology**

**Theme: Pioneering Discoveries in Material  
Science and Nanotechnology**

**April 13-15, 2026  
Paris, France**

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## Keynote Presentations

**Paulo Cesar De Morais,**  
Catholic University Of Brasilia, Brazil

Title : Exploring nanomagnetism of molecular-dressed ultrafine nanoparticles

**Stanislav Ordin,**  
Russian Academy of Sciences, Russia

Title : Nano-technologies and Physics of the Missing Scale

**Konstantin Zsukovszki**  
HUN-REN Wigner RCP, Hungary

Title: Ion Energy Boost and Enhanced Energy Transfer from Laser Radiation to Matter with Resonating Nanoantennas

**Osman Adiguzel**  
Firat University, Turkey

Title: Shape reversibility and the role of twinning reactions in martensitic transformations in shape memory alloys

**S.V.A.R.Sastry,**  
Harcourt Butler Technical University, India

Title : Bio-synthesis and characterization of Plectranthus Amboinicus derived Silver Nanoparticles impregnated with zeolite

**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

**Keynote Presentation slots are available**

## Plenary Presentation

**Alexander G. Ramm,**  
Kansas State University, USA

Title : Creating materials with a desired refraction coefficient and other applications

## Oral Presentations

<b>Antonio Pantano</b> University of Palermo, Italy	Title: Characterizing nanoparticle dispersion with a novel micro thermographic approach based on pulsed laser excitation
<b>Sachin Sharma Ashok Kumar</b> Taylor's University, Malaysia	Title: The development of graphene oxide-based nanocomposite coatings as anti-corrosion novel surfactant
<b>Arbi Fattoum,</b> University of Gafsa, Tunisia	Title : Metal doped activated carbons for energy applications: Conductivity and dielectric properties
<b>Christopher Oluwatobi Adeogun,</b> South China University of Technology, China	Title : 2-D Equivalent Analytical Model for Winding Losses Calculation in Gapped Magnetic Components
<b>Angyang Yu,</b> Liaoning Technical University, China	Title : Theoretical insights into structure, electronic and mechanical properties of RuB <sub>x</sub> (x=1, 2, 3)
<b>Abdeen Mustafa Omer,</b> Energy Research Institute (ERI), United Kingdom	Title : Energy efficient for heat exchanger, refrigeration and air conditioning
<b>Andrey Belousov,</b> Intensive Care Kharkiv National Medical University, Ukraine	Title : Uncovering Novel Antibacterial Mechanisms of Magnetite Nanoparticles (MCS-B): A New Frontier in Nanomedicine
<b>Leonard Mwaikambo</b> University of Dar es Salaam, Tanzania	Title: Structure Property Relationship of Cellulosic Fibres
<b>Olaniyi Awe</b> Obafemi Awolowo University, Nigeria	Title: Empirical studies on natural water resources in alluvial gold ore mining communities

Oral Presentation slots are available