

SCIENTIFIC PROGRAM

Materials Science Virtual Meeting 2026

**3rd International Virtual Conference on
Materials Science & Engineering**

March 28-29, 2026 | (Virtual Conference)

**Theme: Optimizing the Demand of Material Science with the Help of
Recent Technologies & Engineering**

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Scientific Program

Materials Science Virtual Meeting 2026, March 28-29, 2026

March 28, 2026

Time: 14:00

Time Zone: GMT+0, London, UK

14:00-14:05

Opening Ceremony

Keynote Speaker Session

14:05-14:30

Speaker: Dr. Yihao Zhou, Zhengzhou University, China

Presentation Title: Study on the Dewetting Behavior of Polystyrene thin Films

14:30-14:55

Speaker: Dr. Hassan Ali Alkhalifah, King Fahd University, Saudi Arabia

Presentation Title: , Microwave Heating for CO2 Regeneration

14:55-15:20

Speaker: Dr. Orlando Soriano Vargas, TECNM-Tecnológico de Estudios Superiores de Jocotitlán, México

Presentation Title: Fabrication of a composite with AA6061 alloy matrix reinforced with residual ceramics

15:20-15:45

Speaker: Dr. JOSE ALFREDO TORRES TOVAR, University Intercultural Indígena de Michoacán, Mexico

Presentation Title: Design of an Energy-Efficient Pilot-Scale Pyrolysis Reactor Using Low-Cost Insulating Materials

15:45-16:10

Speaker: Dr. Paolo Canepa, Dipartimento di Fisica, University of Genova, Italy

Presentation Title: Niobium Oxide Surface Modification for Cell Adhesion Enhancement: a Double Etching and Anodizing Process

Session Chairperson Details

Dr. Vladimir Chigrinov, State University of Education, Russia

Session Details

- *Biomaterials and Tissue Engineering.
- *Nanomaterials and Nanoengineering.
- *Electrical, Optical, and Magnetic Materials
- *Materials for Energy and Environmental Sustainability
- *Physics and Chemistry of Materials
- *Nanomaterials and Nanotechnology
- *Mining, Metallurgy and Materials Science

16:10-16:35

Speaker: Dr. Amol Arun Wadhve, Aurangabad, India
Presentation Title: Hydrogel Beads-based drug delivery systems rheumatoid arthritis
16:35-17:00
Speaker: Dr. Mwajabu Selemani , University of Agriculture (SUA),Tanzania
Presentation Title: Methods for Rodent Control to Prevent Zoonotic Diseases: A Systematic Review of Studies from Africa
17:00-17:25
Speaker: Dr. Eshet Lakew Tesfaye, University, Hawassa, Ethiopia
Presentation Title: The algal carbon diet: Repurposing volatile fatty acids into sustainable lipids
17:25-17:50
Speaker: Dr. Vladimir Chigrinov, State University of Education, Russia
Presentation Title: Photoaligned Azodye Nanolayers : New Nanotechnology for Liquid Crystal Display and Photonics Devices
17:50-18:15
Speaker: Dr. Yuan-Fong Chou Chau , University Brunei Darussalam, Brunei
Presentation Title: Multiband Fano-Resonant Metal-Insulator-Metal Plasmonic Platform with Split Semi-Ring Cavities for Simultaneous Refractive Index and Thermal Monitoring
18:15-18:40
Speaker: Dr. Seongwoo Woo, University, Addis Ababa, Ethiopia
Presentation Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator
18:40-19:05
Speaker: Dr. Reda Abdel-Hameed, Al-Azhar University, Egypt
Presentation Title: Green Synthesis of Heterocyclic Compounds for anticorrosion inhibition and Biomedical Applications
19:05-19:30
Speaker: Dr. Suranjana V. Mayani, Marwadi University, Gujarat, India
Presentation Title: Synthesis of Sustainable Strontium Ferrite Graphene Nano Composite for Fluoride removal in water
19:30-19:55
Speaker: Dr. Ekta Yadav, Indian Institute of Technology (IIT) Indaur India
Presentation Title: Process gas influenced anti-site disorder and its effects on magnetic and electronic properties of half-metallic Sr ₂ FeMoO ₆ thin films
19:55-19:20
Speaker: Dr. Samiullah Khan , Comsat University Islamabad , Pakistan
Presentation Title: Composite Fibers in Concrete: Properties, Challenges, and Future Directions.
19:20-19:45

Speaker: Dr. Manuel Hidalgo, University, Av. América , Peru

Presentation Title: Analysis of lncRNAs in *Lupinus mutabilis* (Tarwi) and Their Potential Role in Drought Response

End of Session with Closing & Award Ceremony