

NOVEMBER 06-07 2025

2nd World Congress on Nanotechnology & 2nd Global Event on Materials Science and Engineering



Venue: Radisson Hotel & Conference Centre London Heathrow
Address: Building A, Bath Road, Heathrow Boulevard, Sipson,
West Drayton, UB7 0DU, United Kingdom

Note:

- The conference follows Greenwich Mean Time for In-person and for Virtual sessions.
- The program will take place @ Radisson Hotel & Conference Centre London Heathrow in Hybrid mode.
- Virtual presentations which takes place in Zoom meetings in **Greenwich Mean Time**.
- Sometimes there may be small changes in the program due to technical problems or presenters not showing up. To avoid missing any presentations, all presenters are asked to be available for the entire day of their presentation. When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.

NOVEMBER 06, 2025

Thursday

DAY 01

(In-Person Event)

Greenwich Mean Time (GMT)

(@Armstrong)

08:30-09:00 Registrations & AV check

09:00-09:30 Opening Ceremony and Introduction

ORAL PRESENTATIONS

09:30-10:00

Title: Sustainable Utilization of Tire Textile Waste for the Production of High-Quality Thermal Insulation Mats for Building Industry

Agne Kairyte, Vilnius Gediminas Technical University, Lithuania

10:00-10:30

Title: Magnetic behavior of honeycomb electrode structures for battery optimum performance

Abbas Alshehabi, Bahrain Polytechnic, Bahrain

Coffee Break & Group Photo (10:30-10:40)

10:40-11:10

Title: The application of choline salts based electrolytes in electrochemical capacitors

Jakub Tomasz, Poznan University of Technology, Poland

11:10-11:40

Title: Camellia Japonica flower mediated green synthesis of silver nanoparticles and its combination therapy with antimicrobial polymer against multi-drug-resistant bacteria

Humaira Khan, University of Campania, Italy

11:40-12:10

Title: Natural materials to electrochemistry: Functional carbon materials for sustainable supercapacitor applications

Xymena, Poznan University of Technology, Poland

12:10-12:40

Title: Bioderived green carbon quantum dots boost plant growth and photosynthesis in Maize

Yinbo Gan, Zhejiang University, China

Lunch Break (12:40-13:40)

KEYNOTE PRESENTATIONS

13:40-14:20

Title: Multifunctional nanomaterials at the interface of cancer diagnosis and therapy

Pedro Fonte, University of Algarve, Portugal

14:20-15:00

Title: Multiplexed Nanocomposite Immunosensor for Point of Care Cancer Diagnostics

Muhammad Omar Shaikh, Tunghai University, Taiwan

15:00-15:40

Title: Polysaccharide-Based Biomaterials: From Molecular Design to Therapeutic Translation

Assunta Borzacchello, National Research Council of Italy, Italy

15:40-16:20

Title: Medical Devices Having Nano System
Nesrin Hasirci, Middle East Technical University, Turkey

16:20-17:00

Title: Microbial synthesis of silver nanoparticles: characterization and applications in environmental science
Gabriella Fiorentino, University Federico II, Italy

17:00-17:40

Title: 30,000 Nano Implants in Human with No Failures...And Still Counting
Thomas J Webster, Brown University, USA

NOVEMBER 07, 2025

Friday

DAY 02

(Virtual Event)

Greenwich Mean Time (GMT)

(Zoom meeting)

08:00-08:30 Registrations & AV check

08:30-09:00 Opening Ceremony and Introduction

GMT Local Timings

KEYNOTE PRESENTATIONS

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|-------------|-------------|--|
| 09:00-09:40 | 12:00-12:40 | Title: New Preparation Method for Biopolymer-Based Nanomaterials: Preparation, Characterization and Applications
Mehmet Odabasi , Aksaray University, Turkey |
| 09:40-10:20 | 12:40-13:20 | Title: Data Science for Solving Inverse Problems: The Materials Genome and Beyond
Abrukov Victor , Chuvash State University, Russia |
| 10:20-11:00 | 11:20-12:00 | Title: Managing Healthcare Transformation towards 5P Medicine Supported by Technologies
Bernd Blobel , University of Regensburg, Germany |
| 11:00-11:40 | 14:00-14:40 | Title: Memory Characteristics and Crystallographic Transformations Governing Reversibility in Shape Memory Alloys
Osman Adiguzel , Firat University, Turkey |
| 11:40-12:20 | 08:40-09:20 | Title: Using nanocomposites for radiofrequency modulation in cancer therapy
Paulo Cesar De Moraes , Catholic University of Brasilia, Brazil |
| 12:20-13:00 | 17:50-18:30 | Title: Comparative analysis of Kozeny Carmon based grounded short bearing with the inclusion of viscosity variation and deformable roughness
Rakesh Manilal Patel , Gujarat Arts & Science College, India |

ORAL PRESENTATIONS

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|-------------|-------------|--|
| 13:00-13:30 | 10:00-10:30 | Title: Advances in Lipid-Core Nanocapsules: From Antimicrobial and Antifungal Applications to Cancer Therapy
Rodrigo Ce , Centro Universitario Avantis, Brazil |
| 13:30-14:00 | 21:30-22:00 | Title: A study on the corrosive performance of acrylic-epoxy based coatings: The significance of its electrochemical impedance evaluations
Sachin Sharma Ashok Kumar , Taylors University, Malaysia |
| 14:00-14:30 | 17:00-17:30 | Title: Photoremoval of some PAHs via Bimetallic NCs of Fe/Ni-K
Delia Teresa Sponza , Dokuz Eylul University, Turkey |
| 14:30-15:00 | 19:30-20:30 | Title: Toxoplasmosis: A common zoonotic parasitic infection responsible for repeated abortions in women
Shunazia Saquib , QuinTech Sciences, UK |
| 15:00-15:30 | 18:00-18:30 | Title: Biosynthesized Nitrogen-Zinc-Codoped Copper Oxide Nanoparticles for Photocatalytic Activity: Bandgap Engineering of Nanomaterials
Yohannes Shuka Jara , Borana University, Ethiopia |

POSTER PRESENTATIONS

15:30-15:45

16:30-16:45

Title: Development of Diosgenin-Incorporated O/W Nanoemulsion for the Transdermal Treatment of Type II Diabetes Mellitus

Oyesolape Basirat Akinsipo, Tai Solarin University of Education, Nigeria

15:45-16:00

12:45-13:00

Title: Synergistic Effect of Lipid Nanoparticles in Brain Tumors: Enhancing Antitumor Efficacy

Francieli Rufino de Almeida Lima, University of Sao Paulo, Brazil

16:00-16:15

13:00-13:15

Title: Chitosan combined with Pectin extracted from Pisco Grape Pomace for Stabilization of their Polyphenols via Complex Coacervation

Issis Quispe, Universidad de La Serena, Chile

16:15-16:30

17:15-17:30

Title: Piezo- Bio-Nanocomposite Membrane for Simultaneous Organic Pollutant Degradation and Clean Energy Generation from Wastewater

***Indrajit Mondal**, Jadavpur University, India

Piyali Halder, Jadavpur University, India

ORAL PRESENTATIONS

16:30-17:00

21:30-22:30

Title: Effect of Silicon nano particles on Immobilization of Glucoamylase on Nano-Support Materials

Anam Saqib, Gourmet Foods, Pakistan

17:00-17:30

17:00-17:30

Title: Multifunctional Nanoparticle-Reinforced Polymer Scaffolds for Enhanced Bone Regeneration

Samira Farjamejad, City St George's University of London, UK

Upcoming Conferences

We wish to engage with you again in 2026...

3rd World Congress on

Nanotechnology

October 29–30, 2026 | Berlin, Germany

<https://www.scitechseries.com/nanotechnology>

&

3rd Global Event on

Materials Science and Engineering

October 29–30, 2026 | Berlin, Germany

<https://www.scitechseries.com/materials-science>



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