

9<sup>TH</sup> EUROPEAN CONGRESS ON

# ADVANCED NANOTECHNOLOGY AND NANOMATERIALS

June 24-25, 2024

Holiday Inn Amsterdam – Arena Towers  
Amsterdam, Netherlands

**Theme:** *“Evaluating the new Strategies and Solutions for  
Nanotechnology & Nanomaterials”*

<https://nanomaterialsconference.com/>

## Day 1 June 24, 2024

## Keynote Presentations

|                             |  |
|-----------------------------|--|
| <b>Keynote Presentation</b> | Sparking a Revolution in Catalysis by Mixing Anything with Anything                      |
|                             | <b>Andreas Schmidt-Ott, Delft University of Technology, Netherlands</b>                  |
| <b>Keynote Presentation</b> | Fabrication of Fluorescent-Entities Doped Polymer Optical Fibers for Solar Concentrators |
|                             | <b>Nekane Guarrotxena, Spanish National Research Council, Spain</b>                      |

## Keynote Slots Available

## Sponsor Presentation

|                             |  |
|-----------------------------|--|
| <b>Sponsor Presentation</b> | Introduction (Sponsor)                   |
|                             | <b>Arunas Dauksa, Fentika, Lithuania</b> |

## Oral Presentations

|                          |   |
|--------------------------|---|
| <b>Oral Presentation</b> | Modification of Polymer Composite Based on Electromagnetic Radiation                  |
|                          | <b>Ananta R. Adhikari, State University of New York, USA</b>                          |
| <b>Oral Presentation</b> | Synthesis of Oriented Lyotropic Liquid Crystal Phases via Temperature Gradient Method |
|                          | <b>Nisrin Alnaim, King Faisal University, Saudi Arabia</b>                            |
| <b>Oral Presentation</b> | Development of Protein-Only Photocurable Resin for 3D Printing                        |
|                          | <b>Ayelet Bunin, The Hebrew University of Jerusalem, Israel</b>                       |

## Speaker Slots Available

|                          |  |
|--------------------------|--|
| <b>Oral Presentation</b> | Microemulsions of Mentha Spicata Essential Oil and Its Major Component as Highly Effective Insecticides Against Species with Economic and Medical Interests. |
|                          | <b>Meriem Soltani, Echahid Cheikh Larbi Tebessi University, Algeria</b>  |
| <b>Oral Presentation</b> | Nanostructured Urea as a Tool for Nitrogen Use Efficiency Improvement in Common Wheat ( <i>Triticum Aestivum</i> L.) Germplasm                               |
|                          | <b>Primož Titan, University of Maribor, Slovenia</b>   |
| <b>Oral Presentation</b> | Fabrication of Novel Nanosized Baco3 and Their Promising NO <sub>2</sub> Sensing Properties  |
|                          | <b>N. A. Al-Taisan, King Faisal University, Saudi Arabia</b>   |
| <b>Oral Presentation</b> | Development of Paper Based Fluorescent Mips Sensor for Rapid Detection of Lumpy Skin Disease Virus (Lsdv)  |
|                          | <b>Samr kassem, Nanomaterials Research and Synthesis Unit, Egypt</b>   |
| <b>Oral Presentation</b> | The Effect of the Nanoemulsion of 1,8 Cineole on <i>Rhyzopertha Dominica</i> (F. 1792) (Coleoptera: Bostrichi-Dae)   |
|                          | <b>ABES Ibtissem Fatma Zahra, Echahid Cheikh Larbi Tebessi University, Algeria</b>   |

|                          |  |
|--------------------------|--|
| <b>Oral Presentation</b> | Development of a New And Innovative Electrochemical Sensor for 5-HMF in Foodstuff  |
|                          | <b>Bernardo Patella, University of Palermo, Palermo, Italy</b>   |
| <b>Oral Presentation</b> | The Influence of Atmospheric Plasma Spray (APS) Parameters on The In-Vitro Biological Performance of Radiopaque Bioactive Glass Coatings: A Doe Approach |
|                          | <b>Germán Andrés Clavijo Mejía, FunGlass - Centre for Functional and Surface Functionalized Glass, Slovakia</b>  |

## Speaker Slots Available

Day 2 June 25, 2024

### Keynote Presentations

|                             |   |
|-----------------------------|---|
| <b>Keynote Presentation</b> | Enzymatically Sequestering and Degrading PET Micro and Nanoplastics using LipasePolydopamine-Magnetic Nanoparticles |
|                             | <b>Henrique E. Toma, Universidade de São Paulo, Brazil</b>  |
| <b>Keynote Presentation</b> | CuO Photocathode Enhancement through Ultra-Thin Carbon Coating Layer for Photoelectrochemical Water Splitting       |
|                             | <b>Jae Hak Jung, Yeungnam University, South Korea</b>   |

### Oral Presentations

|                          |  |
|--------------------------|--|
| <b>Oral Presentation</b> | Study of Facile Synthesis of Nanostructured Potassium Incorporated Titanium Oxide Film by WCP and Their Application to Enhance the High-Performance Photocatalytic Activity for Water Purification |
|                          | <b>So Yoon Lee, Shibaura Institute of Technology, Japan</b>  |
| <b>Oral Presentation</b> | Nano1D: An accurate Computer Vision software for analysis and segmentation of low-dimensional nanostructures   |
|                          | <b>Ehsan, University of Tartu, Estonia</b>   |

## Speaker Slots Available

|                          |  |
|--------------------------|--|
| <b>Oral Presentation</b> | Synthesis of Tungsten-Doped TiO <sub>2</sub> Nanopowders Prepared by Pulsed-laser Decomposition of Liquid TTIP                     |
|                          | <b>Mustafa, Loyola Marymount University, USA</b>   |
| <b>Oral Presentation</b> | Synthesis of Magnesium Oxide Nanocapsules of Plga of Magnesium as a Carrier for Doxorubicin Potential Treatment for Ovarian Cancer |
|                          | <b>Cristian Felipe Siabato Vargas, Fundación universitaria ciencias de la salud, Colombia</b>                                      |
| <b>Oral Presentation</b> | Haemostatic Sponges for the Emergency Treatment of Bleeding  |
|                          | <b>Akriti Nepal, Griffith University, Australia</b>  |

|                             |   |
|-----------------------------|---|
| <b>Oral Presentation</b>    | h-BN QD Embedded Biopolymer for Peroxidase-Assisted Colorimetric Detection of Pathogens   |
|                             | <b>Sristi Majumdar, Gauhati University, India</b>   |
| <b>Oral Presentation</b>    | “Intelligent” Mg Alloy Anodes for Detection and Protection of Reinforced Concrete   |
|                             | <b>Guang-Ling Song, Southern University of Science and Technology, China</b>  |
| <b>Oral Presentation</b>    | Title will be updated soon  |
|                             | <b>Azizi Samir Moulay Ahmed Said, Nanocellulose and Nanomaterials, France</b>   |
| <b>Poster Presentations</b> |   |
| <b>Poster Presentation</b>  | Nanocelluloses for CO <sub>2</sub> Capture: Effect of Amino Loading on Reversible Adsorption for Greenhouse Gas Storage and Concentration |
|                             | <b>Fabulo Valdebenito, Universidad Católica de la Santísima Concepción, Chile</b>   |
| <b>Poster Presentation</b>  | Enhancing Carbon Microfiber Electrode Properties through Covalent Chemical Modification for Spinal Cord Injury Applications               |
|                             | <b>Myriam Barrejón, University of Castilla La-Mancha, Spain</b>   |

**Oral/Poster Slots Available**  
**Delegates/ Listeners Slots Available**  
**Exhibitor/Sponsor Slots Available**  
**Special Discounts Available on**  
**Group Registrations**



# Important Information

## FOR SPEAKER PARTICIPATION:

Submit your Abstract in the Below Link  
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You can directly confirm your slot by registering towards the conference under Delegate category.  
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| CONFERENCE REGISTRATION |         |
|-------------------------|---------|
| Category                | Price   |
| Presenter               | \$ 699  |
| Listener                | \$ 749  |
| Exhibitor               | \$ 1600 |

| DATES TO REMEMBER                         |                                  |
|---|----------------------------------|
| First Around of Abstract Submission Opens | 26 <sup>th</sup> September, 2023 |
| First Call Registration                   | 30 <sup>th</sup> May 2024        |
| On spot registration:                     | 24th June, 2024                  |

| REGISTRATION INCLUDES  |
|--|
| <ul style="list-style-type: none"><li>• Access to all Presentations</li><li>• Conference Proceedings Book</li><li>• Certificate Accredited by our Organizing Committee Member</li><li>• The Participants will be awarded with Best Poster and Best Oral Presentation Award</li></ul> |

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Discount available for more than  
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# Contact Us

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**Venue:** Holiday Inn Amsterdam – Arena Towers, Amsterdam, Netherlands

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