2nd Edition of World Nanotechnology Conference

Theme: Presenting Excellency of Nanotechnology to transform the World

April 27-29, 2020
Baltimore, USA

Twitter: @WorldNanoConf
Facebook: @WorldNanoConf
Website: https://worldnanotechnologyconference.com/
Contact email: worldnano@magnus-group.org
World Nanotechnology Conference provides a global dais for scientists, researchers, specialists and professors to exchange thoughts, information and concepts. The importance of Nanotechnology has come into spotlight in the recent years. The main objective of the conference is to assure you having a precious contribution with Nano specialists from around the world.

We are prepared to announce the “2nd Edition of World Nanotechnology Conference” (World Nano 2020) is during April 27-29, 2020 in Baltimore, USA to make notice about the future advancements that will be available to discuss with you the latest issues and innovations in Unveiling the emerging research for delivering effective Nanotechnologies. Nanotechnology is working on main result on the existence of the human contest. The impact on nanotechnology is expected to exceed the impact that the electronic revolution has had on our lives.

Considering the previous event, we have established a platform with your benefits in mind. We have not only increased the number of opportunities for you to network with colleagues from across the world but also introduced more attentive sessions that will feature cutting powerful presentations, sprightlier interaction with industry leaders and experts. The best time for new beginning is here, so make it count in your busy engaged life and attend the World Nanotechnology Conference to network, exchange, expertise and experience, yourself with the latest information to take your segment to the next level.
Committee Members

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University of South Carolina, USA

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NanoRegMed Ltd, UK

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Washington University, USA

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First Moscow State Medical University, Russia

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Doina Elena Gavrila
Universities of Bucharest, Romania

Liqiu Wang
University of Hong Kong, China

Giuseppe Pellicane
UKZN and Universita’ degli Studi di Messina, South Africa
Who should Attend?

2nd Edition of World Nanotechnology Conference is exclusively designed for Future Advancements for Research Scientists, Students, Academic Faculty, Design Engineers, Mechanical engineers, Industrial engineers, Aerospace engineers Architects, Industrialists, Business Entrepreneurs, Manufacturing Companies philosophers and others engaged in endeavour’s related to Nano technology innovations research and business.

What is nanotechnology and how it works?

Nanotechnology is the empathetic and switch of matter at the nanoscale, at proportions between approximately 1 and 100 nanometers, where distinctive spectacles assist new applications. Encircling nanoscale science, engineering and technology. Nanotechnology involves imaging, measuring, modeling, and operating matter at this length scale. Some nanostructured resources are sturdier or have different magnetic properties compared to other forms or sizes of the same material.

What’s so special about Nanoscale?

Nanoscale elements are not new in either environment or science technology. Though, the new bounds in zones such as microscopy have given experts novel tools to recognize and take benefit of marvels that occur naturally when substance is systematized at the nanoscale. In core, these sensations are based on “quantum effects” and other simple physical effects such as prolonged surface area. In addition, the information that a mainstream of organic processes occur at the nanoscale gives researchers reproductions and outlines to visualize and build new progressions that can enhance their work in medicine, imaging, computing, printing, chemical catalysis, materials synthesis, and many other fields.

Benefits and Applications:

Applications of nanotechnology are allocating in both predictable and unpredicted ways on nanotechnology’s as it assure to advantage civilization. Nanotechnology is helping to extensively expand, transform, many technology and industry sectors: information technology, homeland security, medicine, transportation, energy, food safety, and environmental science, among many others. Described below is a sampling of the rapidly growing list of benefits and applications of nanotechnology.
Conference Topics:

Nanoscience and Technology
- Sustainability Nanotechnology
- Drug Delivery and Nanoparticles
- Molecular Nanotechnology
- Bionanoscience
- Lipid Nanoparticles
- Nanofluidics and Nanoionics
- Nanobiopharmaceutics

Nanobiotechnology & Nanosafety

Nanobiotechnology
- Impact of Nanobiotechnology
- Regulations of Nanobiotechnology
- Roller Nanoimprint
- Electron Projection Lithography
- Ultrafast Nanoimprint
- Nanobiomolecular Engineering

Nanosafety
- Genetic sequence using DNA-tagged gold nanoparticles
- Nanotechnology Regulations
- Carbon Nanotube Filters
- Strategic and Nuclear Disarmaments
- Disaster Management
<table>
<thead>
<tr>
<th>Life Sciences &amp; Nanomedicine</th>
<th>Nanocharacterization &amp; Nanomanufacturing</th>
<th>Nanochemistry &amp; Wet Nanotechnology</th>
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<tbody>
<tr>
<td>Medical Technology</td>
<td>Nano Tribology</td>
<td>Graphene &amp; Fullerenes</td>
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<tr>
<td>Nano-diagnostics, Imaging and nano-therapy techniques</td>
<td>Nano Sensors and Actuators</td>
<td>Medicinal Nanochemistry</td>
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<td>Cell Repair therapy</td>
<td>Nanoscale Particles Microscopy</td>
<td>Nanotechnology in clothing</td>
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<td>DNA Nanotechnology</td>
<td>Quality of Nanosystem</td>
<td>Brownian motion in wet nanotech</td>
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<td>Biomarkers and Biosensors</td>
<td>Regulatory aspects towards Approval of</td>
<td>Hydrophobic Nanotechnology</td>
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<td>Measurement of Health Risk</td>
<td>Nanomedicine and nanostructures</td>
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<td>Nanoproteomics and genomics</td>
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<td>Protein Nanocrystallography</td>
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<td>Organ-on-a-chip</td>
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<tr>
<th>Energy and Environment</th>
<th>Nanoelectronics and Nanophotonics</th>
<th>Green Nanotechnology &amp; Water Treatment</th>
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<tbody>
<tr>
<td>Novel Generation in Energy storage</td>
<td>Nanoelectronic Biomedical Devices</td>
<td>Nanotechnology in Water Treatment</td>
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<td>Nonnuclear Materials</td>
<td>Nanofabrication</td>
<td>Water purification Technology</td>
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<td>Oil &amp; Gas</td>
<td>Molecular electronics</td>
<td>Nanoremediation &amp; water treatment</td>
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<td>Nano-energy</td>
<td>Nanotube transistors</td>
<td>Water filtration</td>
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<td>Nano Solar Cells</td>
<td>Modern optics</td>
<td>Nanosorbents water treatment</td>
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<td>Nanofuels</td>
<td>MEMS and NEMS Devices</td>
<td>Nanotech in disinfected water</td>
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<td>Nano Batteries</td>
<td>Quantum dot photodetectors</td>
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<td>Nano fibers</td>
<td>Surface micromachining</td>
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<td>Nanotech : in other fields</td>
<td>Nanomaterials, biomaterials &amp; synthesis</td>
<td>Pharmaceutical nanotechnology</td>
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<td>• Computer Sciences</td>
<td>• Materials Chemistry (Organic &amp; Inorganic)</td>
<td>• Nano Pharmaceuticals</td>
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<td>• Environmental Sciences</td>
<td>• Nano Materials Synthesis and Characterisation</td>
<td>• Biopharmaceutics and Liposomes</td>
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<td>• Household Nanotechnology</td>
<td>• Materials Science and Engineering Physics</td>
<td>• Nano Drug Delivery</td>
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<td>• Biomedical Sciences</td>
<td>• Advanced Nanomaterials</td>
<td>• Synthesis &amp; exhaustive characterisation of Pharmaceutical nanoparticles</td>
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<td>• Agricultural research</td>
<td>• Nanobiomaterials</td>
<td>• Biological evaluation</td>
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<tr>
<td>• Food Industry</td>
<td>• Nano Composites</td>
<td>• Clinical testing and/or toxicological assessment</td>
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<td>• Graphene and its Applications</td>
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<td>• Polymer Nanotechnology</td>
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<tr>
<th>Nano Engineering</th>
<th>Carbon nanotechnology</th>
<th>Nano computational modeling</th>
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<tr>
<td>• Nano Robotics</td>
<td>• carbon nanotubes formation and characterization</td>
<td>• Computational Modelling of Photonic Nanomaterials and devices</td>
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<td>• Nano Devices</td>
<td>• Properties of Nanotubes</td>
<td>• Catalytic Cycles and Reactions</td>
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<td>• Nano Sensors</td>
<td>• Polymer-carbon nanocomposites to sensors</td>
<td>• Stochastic motion of Nanomotors</td>
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<td>• PURIFICATION AND SEPARATION OF CARBON NANOTUBES AND RELATED ASPECTS</td>
<td>• Optimisation Nanostructures</td>
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<td></td>
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<td>• Molecular Modelling and simulation of Nanoscale systems</td>
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<td>• Foundation of Nanoscale Physics and Modelling</td>
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Nanotoxicology

• Toxicological assessment of manufactured Nanoparticles
• Effects of Nanotoxicology in Nanomaterials
• Impacts of Nanoparticle design in Nanotoxicology
• Different types of Nanotoxicology
• Reduction in toxicity while maintaining therapeutic effects

Nanometrology & Nanofluidics

• Microscopy
• Nanotribology
• Nano coordinate measuring machine
• Measurement techniques
• Surface area measurement

Nanotechnology Applications

• Nanotechnology in Cancer Treatment
• Nanotechnology in Tissue Engineering
• Nanostructured materials for construction
• Nanotechnology in Space
• Nanotechnology in Food manufacturing
Day-1 | Monday  
April 27, 2020

08:00-09:00 : Registrations
09:00-09:30 : Opening Ceremony and Introduction
09:30-10:30 : Keynote Session I
10:30-11:00 : Refreshment Break
11:00-11:30 : Keynote Session II
12:30-01:30 : Lunch Break
13:30-15:00 : Break Out Session I
15:00-15:30 : Refreshment Break
15:30-18:00 : Break Out Session II
Day-2 | Tuesday  
April 28, 2020

09:00-10:30 : Keynote Session III  
10:30-11:00 : Refreshment Break  
11:00-12:30 : Break Out Session III  
12:30-13:30 : Lunch  
13:30-15:00 : Poster Presentations  
15:00-15:30 : Refreshment Break  
15:30-18:00 : Break Out Session IV

Day-3 | Wednesday  
April 29, 2020

09:00-10:30 : Keynote Session IV  
10:30-11:00 : Refreshment Break  
11:00-12:30 : Break Out Session IV  
12:30-13:30 : Lunch  
13:30-15:00 : Break Out Session VI  
15:00-15:30 : Refreshment Break  
15:30-18:00 : Prize Distribution and Closing Ceremony
Top Reasons to Attend

LEARN NEW TRENDS, STRATEGIES, TACTICS
Up-to-date research, current and emerging trends in Nanotechnology, new technology and tools are exclusively discussed in the conference. Don’t let old and out-dated information hold your back!

BUILD YOUR NETWORK
Get inspired by talking face-to-face with thought leaders, subject matter experts and peers. Tap into their knowledge; discover innovative services that can benefit your research work.

GET SMARTER
Learn how other researches can play a role as a key accelerator in your work and gives you a competitive edge to achieve precision in desired outcomes. Learn better ways to innovate, collaborate, work and report.

GAIN GLOBAL PERSPECTIVE
With attendees representing many countries, your ability to engage with global sustainability leaders and your opportunity to envision your work with global lens will be worthwhile.
SPECIAL REGISTRATION RATES

Register for just 639$ for Oral and 539$ for Poster to get full access to the conference. We’re also pleased to announce a special offer of just 439$ for students, fellows currently enrolled in postgraduate, Ph.D and training programs.

Q & A SESSIONS

Every presenter will be provided with some time for Q & A session after their presentation, where you may get questions about a challenge in your workflow or you’re looking for advice on implementing new techniques in your work. So, you will get few solutions and advices which may benefit you.

NEW PLACES; NEW PEOPLE

Each time World Nano 2020 will be held at a different place; new and different people will attend. This can enlarge building collaborations and help you in developing new relationships.

NEW IDEAS

An idea is usually generated with intent, and also be created unintentionally. Ideas often form during brain storming sessions or through discussions.

GET INSPIRED

We all know your office chair is comfy, but your desk is no place to get inspired! It’s time to break out of your comfort zone and gain some insights into what other researchers are doing. Take the opportunity to learn what worked well for them and how you can avoid future risk.

SHARE YOUR THOUGHTS

Bring your expertise to the grassroots level and help the community through collaboration and networking. If you are interested to speak at the conference, please submit your content ideas and boost your professional status.
Some Moments of Previous Conference
Testimonials

KEN WARE
NeuroPhysics Therapy Institute, Australia

The collection of people in the conference was amazing and magnificent event, I will be there for next event.

JOE E. SPRINGER
University of Kentucky, USA

I had a wonderful time at the conference, and have made some new friends/collaborators as well!

DIONYSIOS (DION) D. DIONYSIOU
University of Cincinnati, USA

The conference was great and attendance was good until the last presentation. I learned some new areas from them. The organization was great.

LUCIA CARVELLI
Florida Atlantic University, USA

Had an very excited, interesting and loaded experience.

MAHMOUD KHODARI
South Valley University, Egypt

It was very great conference.

EL HASSANE LARHRIB
University of Huddersfield, UK

It was an excellent conference and wonderful experience.

MOHAMED EL-FAR
Mansoura University, Egypt

Greetings and thanks to you. You done very well and we have had excellent success.
Baltimore is the largest city in Maryland and an important seaport on the wide estuary of the Patapsco River. Its place in American history was won in 1814, when British forces bombarded Fort McHenry for 25 hours without its surrender. The sight of the American flag still flying over the fort on the morning after the bombardment inspired Francis Scott Key's poem The Star Spangled Banner, which became the text of the national anthem. Baltimore's Inner Harbor is the focal point of the city, surrounded by several outstanding museums and the busy Harborplace, with its pavilions, shops, restaurants, and promenade. Moored here are several historic ships that are open for tourists. Baltimore's distinct neighborhoods are part of its attraction to visitors - lively Fell’s Point, sedate Mount Vernon, Little Italy, and hip Hamden. Between these, the many museums, historic sites, and cultural activities that include a renowned symphony orchestra, Baltimore offers plenty of things for visitors to see and do.

**Venue and Location:**
Crowne Plaza Hotel Baltimore Downtown – Inner Harbor, 105 W FAYETTE STREET BALTIMORE, MD 21201, USA
Why to Attend World Nano 2020 Conference?
This Conference provides a unique networking and collaboration opportunity where you can promote your products and gain brand recognition and credibility. It delivers cutting-edge research in an intimate setting where attendees and exhibitors receive personalized customer service. Sponsors and exhibitors will benefit from great foot-traffic and generous signage recognition.

How does sponsoring/exhibiting at the World Nano 2020 conference benefit my business?
Designed as a must-attend event, you increase your visibility. You will have direct exposure with your target audience and a chance to talk one-on-one with business decision makers who need your goods and services. This method is more personal and effective.

If I am unable to attend the conference, can I still get my company’s information to attendees?
Yes! World Nano 2020 has remote vendor opportunities. Each attendee is provided with a complimentary tote bag that will contain proceedings book and the program. Each vendor member will have the opportunity to promote their business via a full-page flyer, gift item or brochure insert.
We are dedicated to getting your brand in front of a group that’s eager to learn more about your products and services. Don’t miss your chance to:

- Network
- Build Brand Awareness
- Make a long-lasting impact on your target audience
- Find new customers
- Stay on top of industry trends
- Capture immediate feedback on new technologies, services, or products
- Gain industry insight and evaluate market trends to generate new business opportunities.
- Access & start relationships with contacts who may not be part of your current market or marketing strategy.

**THE EARLIER YOU REGISTER, THE EARLIER YOUR INFORMATION IS AVAILABLE TO ATTENDEES.**

<table>
<thead>
<tr>
<th>Sponsor Recognition Benefits</th>
<th>Platinum</th>
<th>Gold</th>
<th>Silver</th>
<th>Bronze</th>
<th>Exhibitor</th>
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<td>Cost (USD)</td>
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<td>10,000</td>
<td>7,500</td>
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<td>Complementary Conference Passes</td>
<td>6</td>
<td>4</td>
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<tr>
<td>Exhibitor Booths to promote your company and products</td>
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<td>1</td>
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<td>Booth Dimensions</td>
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<td>Ad in final program</td>
<td>one Page</td>
<td>one Page</td>
<td>half Page</td>
<td>half Page</td>
<td>quarter Page</td>
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<tr>
<td>Ad in abstract proceedings book</td>
<td>two Pages</td>
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<td>one Page</td>
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<td>Conference Bag inserts</td>
<td>flyer placed in each conference bag</td>
<td>flyer placed in each conference bag</td>
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<td>flyer placed in each conference bag</td>
<td>flyer placed in each conference bag</td>
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<td>Name and Logo of company looping on conference website</td>
<td>✔</td>
<td>✔</td>
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<td>Logo highlighted on meeting materials, brochures</td>
<td>✔</td>
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<td>Acknowledgement in the opening speech</td>
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<td>Opportunity to showcase a video during conference break timings</td>
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<td>Verbal presentation (advance notification required)</td>
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<td>Certificate of Appreciation</td>
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<td>Social media mentions</td>
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### Registrations

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<tr>
<th>CATEGORY</th>
<th>REGISTRATION FEE</th>
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<tbody>
<tr>
<td>Oral Presentation</td>
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<tr>
<td>Poster Presentation</td>
<td>$539</td>
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<tr>
<td>Delegate Participation</td>
<td>$739</td>
</tr>
<tr>
<td>Student Participation</td>
<td>$439</td>
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**Registration Includes:**

- Access to all Scientific Sessions, Poster sessions, Exhibitions
- Handbook & Conference Materials
- Lunch, tea / coffee breaks during the conference days
- Certificate Accreditation from the Organizing Committee
- Access to the attendees email list (post conference)
- WiFi in meeting rooms
Book Mark your dates **April 27-29, 2020**

*We wish to see you in Baltimore!!!*

**Organizer**

**Magnus Group**, 1033 Sterling Rd, Unit 104, Herndon, VA 20170, USA

**Office Ph:** +1 (702) 988-2320

**Email:** nanotechnology@magnusmeetings.com