2nd Edition of World Nanotechnology Conference

Theme: Presenting Excellency of Nanotechnology to transform the World

April 19-21, 2021, Orlando, USA

Twitter: @WorldNanoConf
Facebook: @WorldNanoConf
Website: https://worldnanotechnologyconference.com/
Contact email: worldnano@magnus-group.org
Why to attend the World Nano 2021?

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 2021) is during April 19-21, 2021 in Orlando, 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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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 endeavor’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

- 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
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<th>Life Sciences &amp; Nanomedicine</th>
<th>Nanocharacterization &amp; Nanomanufacturing</th>
<th>Nanochemistry &amp; Wet Nanotechnology</th>
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<tr>
<td>Medical Technology</td>
<td>Nano Tribology</td>
<td>Graphene &amp; Fullerenes</td>
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<td>Nano-diagnostics, Imaging and</td>
<td>Nano Sensors and Actuators</td>
<td>Medicinal Nanochemistry</td>
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<td>nano-therapy techniques</td>
<td>Nanoscale Particles Microscopy</td>
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<td>Cell Repair therapy</td>
<td>Quality of Nanosystem</td>
<td>Brownian motion in wet nanotech</td>
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<td>DNA Nanotechnology</td>
<td>Regulatory aspects towards Approval of</td>
<td>Hydrophobic Nanotechnology</td>
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<td>Biomarkers and Biosensors</td>
<td>Nanomedicine and nanostructures</td>
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<td>Measurement of Health Risk</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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<th>Nanoelectronics and Nanophotonics</th>
<th>Green Nanotechnology &amp; Water Treatment</th>
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<td>Nanoelectronic Biomedical Devices</td>
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<td>Nanosorbents water treatment</td>
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<td>MEMS and NEMS Devices</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>
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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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<td>• Food Industry</td>
<td>• Nano Composites</td>
<td>• Clinical testing and/or toxicological assessment</td>
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<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>
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<td>• Catalytic Cycles and Reactions</td>
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<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>• Nano Electron emitters</td>
<td>• Molecular Modelling and simulation of Nanoscale systems</td>
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<td>• Molecular electronics</td>
<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
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 20, 2021

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 21, 2021

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 2021 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 brainstorming 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
The collection of people in the conference was amazing and magnificent event, I will be there for next event.

Ken Ware
NeuroPhysics Therapy Institute, Australia

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

Joe E. Springer
University of Kentucky, USA

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

Dionysios (Dion) D. Dionysiou
University of Cincinnati, USA

Had an very excited, interesting and loaded experience.

Lucia Carvell
Florida Atlantic University, USA

It was very great conference.

Mahmoud Khodari
South Valley University, Egypt

It was an excellent conference and wonderful experience.

El Hassane Larhrrib
University of Huddersfield, UK

Greetings and thanks to you. You done very well and we have had excellent success.

Mohamed El-Far
Mansoura University, Egypt
Orlando is one of the world’s most visited family destinations, and while its illustrious themed attractions may steal the limelight, with a vibrant and well-kept city center and a climate that averages around 75° Fahrenheit (25° Celsius), there is a surprising amount of things to experience here. Welcoming tens-of-millions of visitors per year, both Disney World and Universal Orlando pack in an entire trip’s worth of fun on their own. Orlando is a place known for hospitality, and that extends to its many hotels, spas and services that suit every budget and taste.

City attractions:
Orlando has several parks and lakes that are great for relaxing, exercise and adventure. Rent a paddleboard or paddleboat, soar over the city in a hot air balloon, picnic under an old oak, spot dolphins on a boating day trip, swim with manatees and pet a sloth at the Exotic Animal Experience. There are several watersports centers if you’re looking to try waterskiing or jet skiing, or for an even bigger thrill, try parasailing or sky diving. There’s no limit to the many adventures and exciting times that await in Orlando, a city that’s inspired by dreams and wonder.

Venue and Location:
Holiday Inn Orlando SW Celebration Area
5711 W. Irlo Bronson Memorial Highway
Kissimmee, FL 34746, USA
Why to Attend World Nano 2021 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 2021 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 2021 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.**
• Registrations •

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<th>CATEGORY</th>
<th>REGISTRATION FEE</th>
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<tr>
<td>Oral Presentation</td>
<td>$639</td>
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<tr>
<td>Poster Presentation</td>
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<td>Delegate Participation</td>
<td>$739</td>
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<td>Student Participation</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 19-21, 2021**

We wish to see you in Orlando!!!

**Organizer**

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**Email:** nanotechnology@magnusmeetings.com