

4th Global Conference on Advanced Nanotechnology and Nanomaterials

SEPTEMBER 19-20, 2024

BARCELONA, SPAIN

Theme:

Unlocking the Infinite Potential of Nanotechnology and Nanomaterials; Multidisciplinary Approaches for a Nano-centric Future and Crafting Tomorrow's Sustainable Solutions

NANO Intellects 2024

<https://nanointellecs.peersalleyconferences.com/>

2

DAYS WITH MORE THAN
45 SESSIONS,
KEYNOTES &
ORAL PRESENTATIONS

12+

INNOVATIVE FEATURED
SPEAKERS

20+

HOURS OF
NETWORKING EVENTS

60+

INTERNATIONAL
SPEAKERS

125+

EDUCATIONAL SESSIONS

2

**DAYS WITH MORE THAN 45 SESSIONS,
KEYNOTES & ORAL PRESENTATIONS**

**INNOVATIVE
FEATURED SPEAKERS**

12+

20+

HOURS OF NETWORKING EVENTS

INTERNATIONAL SPEAKERS

60+

125+

EDUCATIONAL SESSIONS

WHO? SHOULD ATTEND

Nanotechnology Professionals | Materials Engineers | Materials Scientists | Physicists and Chemists | Metallurgists | Geotechnical Engineers | Biomedical Engineers | Academicians and Students | Policy Makers | Clinical Investigators | Industries | Entrepreneurs | Students | Materials Science Colleges | Materials Companies | Nanotechnology Companies | Training Institutes | Associations | Chemical Companies | Experts and Researchers (of Biotechnology, Physics, Materials Science, Nanotechnology, Biology, Environment, Medicine, Pharma, Ceramics, Energy, Liquid Crystals, Plasma, Polymers Semiconductors and many more...)

WELCOME MESSAGE

Philip G. Penketh

Yale University School of Medicine, USA



The 4th Global Conference on Advanced Nanotechnology and Nanomaterials (September 19-20, 2024 Barcelona, Spain) offers a superb opportunity to introduce cutting edge research and innovation to the global community. To meet and share ideas with experts in the field and possibly strike up valuable collaborations in this burgeoning field. Nanotechnology/Nanomaterials offer huge benefits for almost every industry, and for the planet's ecosystem, and for the careers of scientists who become early adopters in this field.

I believe that this two-day scientific event, featuring discussions and presentations by world-leading experts, as well as showcasing the latest research by young scientists, will create an ideal blend of knowledge and innovation in the field of nanotechnology and nanomaterials.

I am confident that participants, including delegates, experts, students, researchers, professionals from nano, chemical, and materials industries, policymakers, and healthcare providers, will greatly benefit from the insightful discussions and interactions at this congress, which is designed to foster a warm and collaborative atmosphere.

Your active participation and contributions will undoubtedly contribute to the outstanding success of this congress in advancing all aspects of nanotechnology.

Best Regards,

Philip G. Penketh

The 4th Global Conference on Advanced Nanotechnology and Nanomaterials (Nano Intellects 2024) offers a great opportunity to share the ground-breaking discoveries in advanced nanotechnology and nanomaterials among the renowned scientists from various universities and industries worldwide. The objective is to disseminate and debate about everything that is happening in the related research fields, including but not limited to, Nanoscience and Technology, Nano Polymers, Nanotubes and Nano Porous Materials, Functional Nano Materials, Nano Structures, Nano Chemistry, Nanotechnology and Energy, Nano Biotechnology, Nano Medicine, Nano Biotechnology, Nanotoxicology, Nanobots, Nanosensors, Nanotechnology in Military Applications, Nano-systems, Commercialization of Nanotechnology, and so on. The Nano Intellects 2024 also provides a unique platform to meet new colleagues and develop international connections and further cooperation for both attendees and scientific community in general.

Nano Intellects 2024 will be held on September 19–20, 2024 in Barcelona, Spain. We kindly invite speakers and delegates from all around the world to attend this fascinating conference and present their latest studies and discoveries. Scientific presentations in Nano Intellects 2023 held in last year included, nano drug targeting, nano biology, nano biosensors, nanomaterials, synapses, energy storage, piezo–phototronics, nanomaterials in batteries, nano functional films to mention a few.

We look forward to receiving your abstracts soon, as well as meeting you at the 4th Global Conference on Advanced Nanotechnology and Nanomaterials (Nano Intellects 2024), Barcelona, Spain.

Best Regards,

Dr. Wenbo Peng

Dr. Wenbo Peng

School of Microelectronics,
Xi'an Jiaotong University, China



WELCOME MESSAGE

Dear Esteemed Guests,

We are excited to announce the much-anticipated 4th Global Conference on Advanced Nanotechnology and Nanomaterials (NANO Intellects 2024). This flagship event is scheduled for September 19-20, 2024, in the vibrant city of Barcelona, a hub of innovation and technology.

This premier conference serves as a vibrant platform, bringing together esteemed scientists, engineers, clinicians, entrepreneurs, researchers, and enthusiasts from academia and industry. At the forefront of nanotechnology and nanoscience research, we are uniting a distinguished cohort of experts keen on spearheading advancements in this field.

Our objective is to facilitate a rich exchange of cutting-edge research and developments, foster new friendships, and build robust networks that will pave the way for collaborative future research. Moreover, participants will have the opportunity to garner invaluable feedback on their work from peers and leaders in the sector.

Under the inspiring theme “Unlocking the Infinite Potential of Nanotechnology and Nanomaterials; Multidisciplinary Approaches for a Nano-centric Future and Crafting Tomorrow’s Sustainable Solutions” we are committed to presenting an innovative and inventive program. The conference will feature an array of sessions encapsulating the latest in nano-scale materials applications, modern electronic devices, renewable energy developments, medical advancements, and beyond. We are geared up to explore the ever-expanding realm of nanotechnology, where continuous innovations and improvements are the norm.

In addition to a stimulating scientific program, we invite you to immerse yourself in the rich culture and history of Barcelona, Spain. We trust that your interaction with like-minded professionals will ignite a fruitful exchange of ideas and offer a personally rewarding experience.

We look forward to your participation in what promises to be a groundbreaking conference.

Best regards,

NANO Intellects 2024

Organizing Committee

Peers Alley Media

1126 59 Ave East, V5X 1Y9,

Vancouver, BC, Canada

PRESENTATION FORUM

KEYNOTE FORUM / MINI-PLenary SESSIONS

Presentations under Keynote Forum or Mini-Plenary Sessions includes abstracts with remarkable research value selected by the program committee. These significant speeches are delivered by globally recognized honorable speakers and it is open to all registrants.

DISTINGUISHED SPEAKERS FORUM (ORAL ABSTRACT SESSIONS)

In this forum, speakers and experts of the research field gets an opportunity to showcase their noble research work that involves comprehensive research findings. These formal oral presentations include a wide range of talks covering basic research to advanced research findings in accordance to the theme and scientific sessions of the conference.

STUDENT FORUM

POSTER SESSION

This session is particularly introduced to encourage more number of student participation at international conferences, however it is not restricted only to students since it is also available for the participants with language barrier. There are specific guidelines to be followed to prepare the poster. Poster topic should be selected only from relevant scientific sessions with in-depth technical details.

YOUNG INVESTIGATORS FORUM

An exclusive opportunity for students and young investigators to present their research work through a formal oral presentation. Young Investigators Forum provides a global platform for young researchers and scholars to showcase their valuable contribution to the scientific world and to get acknowledged by the global scientific community of experts. It is an excellent opportunity to recognize young scientific assets with promising research ideas. These oral presentations are of shorter time duration with 10-15 minutes of informative and precise presentations in relevant scientific sessions.

EDUCATIONAL WORKSHOPS/ RESEARCH WORKSHOPS/ CORPORATE WORKSHOPS/MINI- SYMPOSIA

With an aim of transferring knowledge among the participants, workshops are introduced as a part of international conferences. These interactive and occasionally practical sessions give an opportunity for participants to engage in detail discussion. Workshops are mostly scheduled for 60 to 90-minutes. It may range from learning about a specific topic relevant to international education, products and research which sometimes involves practical demonstration. It helps in enhancing skills, knowledge and understanding of the research field in depth through interactive discussions.

HIGHLIGHTS OF THE DAY SESSIONS

“Highlights of the Day Sessions” is introduced to discuss and focus a ray upon previous day ORAL ABSTRACT presentations by experts to summarise the key findings. It helps in getting better insights into the various dimensions of the topic.

MEET THE PROFESSOR @ NETWORKING SESSIONS

This session involves open discussion between the experts and session attendees, it gives enough time for getting answers to specific questions and doubts. It is an opportunity for attendees to increase their professional networking, sometimes also leads to an excellent collaboration opportunity.

EDUCATIONAL SESSIONS/ TRAINING PROGRAMS

Educational Sessions or training programs are specifically designed for a better understanding of the latest findings and technologies. These are generally 45-minute sessions that give an exposure to the multidisciplinary field, that provides in-depth learning experiences and address educational needs.

TYPES OF ACADEMIC REGISTRATIONS

Speaker Registration

COMBO A (Registration + 2 Night Accommodation)

COMBO B (Registration + 3 Night Accommodation)

Delegate Registration

TYPES OF BUSINESS REGISTRATIONS

Speaker Registration

COMBO A (Registration + 2 Night Accommodation)

COMBO B (Registration + 3 Night Accommodation)

Delegate Registration

TYPES OF STUDENT REGISTRATIONS

Registration

YIF

COMBO A (Registration + 2 Night Accommodation)

COMBO B (Registration + 3 Night Accommodation)

Posters

TYPES OF ADDITIONAL REGISTRATIONS

Accompanying Person

E-Poster

Virtual Presentation

Workshops

Start-Ups

Register & Participate



NANO INTELLECTS 2024

<https://nanointellecs.peersalleyconferences.com/>

TIME TO **CONNECT**



WITH YOUR
PEERS

CONCURRENT EDUCATIONAL SESSIONS

THURSDAY
SEPTEMBER 19
2024

- Nanoscience and Technology
- Novel Drug Delivery

- Nano Polymers, Nanotubes and Nano Porous Materials
- Nano Physics
- Nano Weapons

GROUP PHOTO | COFFEE BREAK

- Nano-Surgery
- Functional Nano Materials
- Graphene and Fullerenes

- Properties of Nanomaterials
- Materials Science and Engineering
- Nano Structures

LUNCH BREAK

- Nano Chemistry
- Molecular Nanotechnology
- Nanotechnology in Cancer Treatment

- Advancing Cellulose-based Nanotechnology
- Nano Mechanics
- Forensic Nanotechnology

COFFEE BREAK

- Nanotechnology and Energy
- Nanostructures and Nanofilms

- Nano Medicine
- 3D Printing
- Carbon Nanotubes

CONCURRENT EDUCATIONAL SESSIONS

FRIDAY
SEPTEMBER 20
2024

- Fuel Cells
- Lipid Nanotechnology
- Nano Biotechnology

- Nano Pharmaceuticals
- Nano Polymers
- Nanotechnology in Tissue Engineering

GROUP PHOTO | COFFEE BREAK

- Nanotechnology in Urology
- Robotics
- Nanotoxicology

- Nanotribology
- Nano Products
- Commercialization of Nanotechnology

LUNCH BREAK

- Artificial Intelligence
- Nanobots

- Nanosensors
- Nanodentistry
- Self-healing materials

COFFEE BREAK

- Nanotechnology in Materials Science
- Nanotechnology in Military Applications

- Fight Against Climate Change
- Nano and Big Data
- Nanographene
- Nano-systems



Boqueria Market



Camp Nou Stadium of FC Barcelona



Casa Battló



Casa Milà (La Pedrera)



Hospital de Sant Pau



Las Ramblas



Palau de la Música Catalana

NETWORKING... CONFERRNCING... FOSTERING

Attending a Conference isn't all about
Learning and Networking

DISCOVERING

A right choice of conference destination is an important aspect of any international conference and keeping that in consideration, **NANO Intellects 2024** is scheduled in the Beautiful city "Barcelona".

Sponsors | Media Partners





Peers Alley Media

1126 59 Ave East, V5X 1Y9, Vancouver BC, Canada



WhatsApp No: +1 778-244-7702

Program Director NANO Intellects 2024

CONNECT US

