



NANO INTELLECTS
6TH GLOBAL CONFERENCE **2026**

Global Nanotechnology Network

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6TH GLOBAL CONFERENCE ON

ADVANCED NANOTECHNOLOGY AND NANOMATERIALS

SEPTEMBER 28-29, 2026 | CHICAGO, USA

Theme: "Nanotechnology for a Sustainable and Smart Future: Innovations Transforming Medicine, Energy, and Industry"

NANO INTELLECTS 2026

SUB THEMES

- Nanomedicine and Biotechnology: Revolutionizing Healthcare
- Beyond Graphene: The Next Generation of 2D Materials
- Self-Healing and Smart Nanomaterials for Future Technologies
- Frontiers in Nanoscience: Integrating Quantum, AI, and Emerging Nanotechnologies
- Sustainable Nanomaterials: Advanced Solutions for Industry and Environment
- Nanoelectronics and Quantum Technologies: Enabling the Next Digital Revolution
- Nanotechnology for Clean Energy and Sustainable Power Solutions
- Environmental Nanotechnology: Innovations for Water, Air, and Soil Remediation
- Nanotechnology in Food, Agriculture, and Smart Packaging
- Nanotechnology in Wearable and Flexible Electronics
- Nanorobotics and Intelligent Nanosystem

WHY TO ATTEND?

What you take

Attending a Nanotechnology and Nanomaterials conference provides a valuable opportunity to engage with leading experts, discover emerging trends, and gain insights into cutting-edge innovations. It also contributes significantly to professional growth by deepening technical knowledge, broadening skill sets, and fostering collaborations that drive career advancement.

125
+



**EDUCATIONAL
SESSIONS**

60
+



**INTERNATIONAL
SPEAKERS**

20
+



**HOURS OF
NETWORKING
EVENTS**

12
+



**INNOVATIVE
FEATURED SPEAKERS**

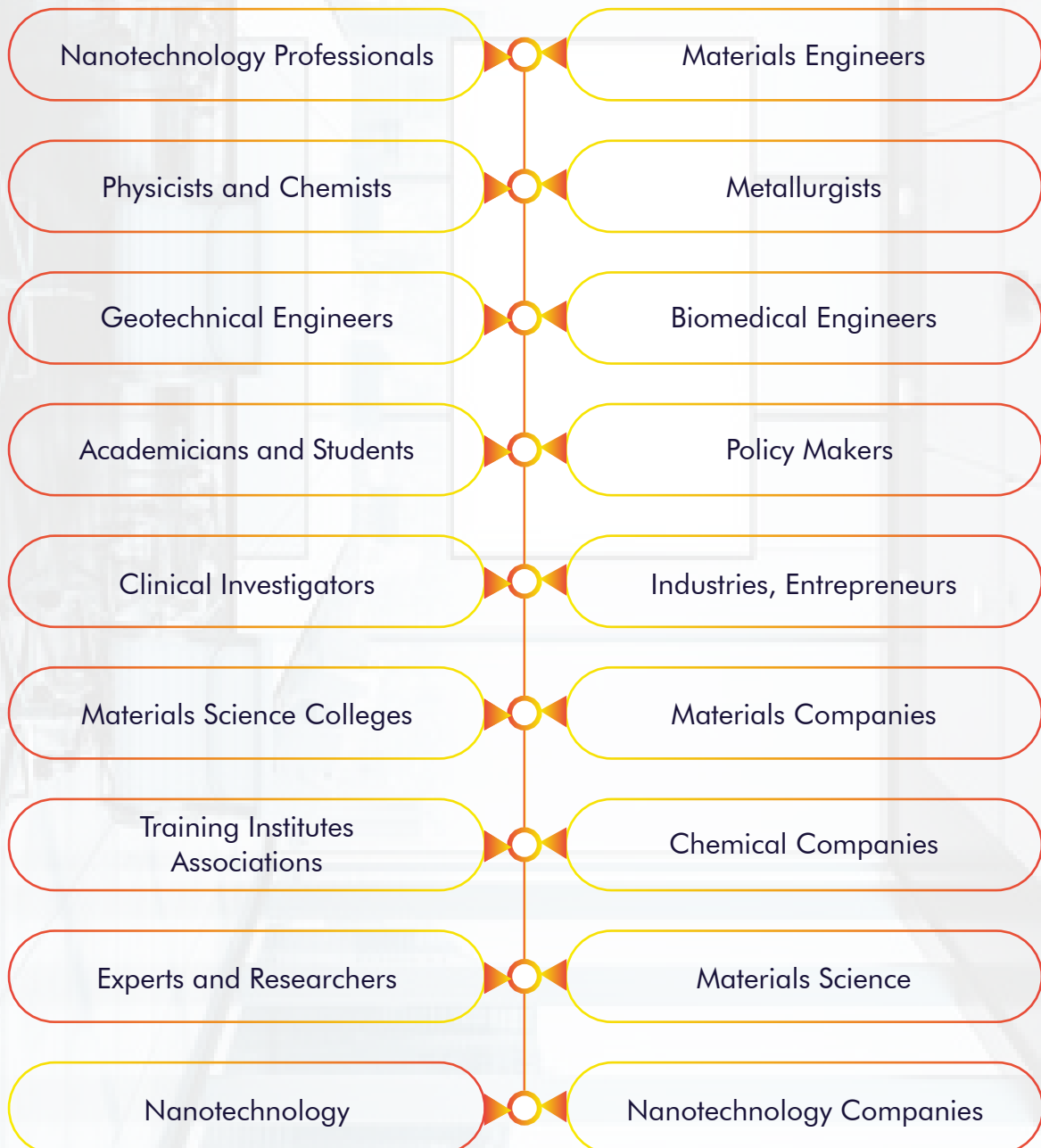
02



**02 Day
Conference**



WHO SHOULD ATTEND?





Anne Rosken
ANED – HSG – PCU, Germany



Distinguished Delegates and Esteemed Colleagues,

It is a great honor and pleasure to welcome you to the **6th Global Conference on Advanced Nanotechnology and Nanomaterials**, which will take place from September 28–29, 2026, in the dynamic city of **Chicago, USA**.

This conference offers an outstanding platform to showcase cutting-edge research and innovations in one of the most transformative scientific fields of our time. It is the ideal opportunity for the international community to come together to exchange ideas, forge valuable collaborations, and network with leading experts in this field.

Nanotechnology and nanomaterials are not only a fascinating area of research but also a crucial driver of progress. Their enormous benefits extend across virtually every industry, contribute significantly to the protection of our planetary ecosystem, and open up promising career paths for scientists who engage with these technologies early on.

We are confident that this two-day scientific event will create a perfect synergy of knowledge and innovation. The program includes stimulating discussions and presentations by leading experts from around the world, as well as presentations of the latest research findings by young scientists.

We anticipate a diverse and engaged audience—including delegates, experts, students, researchers, professionals from the nanotechnology, chemical, and materials industries, policymakers, and healthcare professionals. Your active participation and contributions are key to the open and collaborative atmosphere we aim to foster.

Your presence and engagement will undoubtedly contribute to the outstanding success of this congress and advance all aspects of nanotechnology.

We look forward to welcoming you to Chicago and sharing two days of scientific inspiration and groundbreaking discussions.

Sincerely,
Anne Rosken
ANED – HSG – PCU, Germany



Philip G. Penketh
Yale University School of Medicine, USA



Dear Colleagues,

The **6th Global Conference on Advanced Nanotechnology and Nanomaterials (September-28 to 29, 2025 Chicago, USA)** 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
Yale University School of Medicine, USA



Fernando Pinto Coelho
Federal University of Alagoas, Brazil



Dear Esteemed Guests,

We are delighted to welcome you to the **6th Euro-Global Summit on Advances in Nanotechnology, Smart Materials, Energy Materials, and Structures**, to be held on **September 28–29, 2026**, in **Chicago, USA**.

This premier congress offers a comprehensive platform to explore the pressing global challenges and emerging opportunities in nanotechnology—emphasizing the pivotal role of nanoscale science and innovation in overcoming material limitations, enhancing energy efficiency, reducing environmental impact, and driving sustainable technological advancement.

Over two dynamic days, world-renowned researchers, scientists, and industry pioneers will showcase cutting-edge developments in nanotechnology, smart materials, advanced energy systems, nano drug delivery, and sustainable structural design. Together, we will venture into new horizons of materials science and nanoscience, exploring everything from next-generation nanoscale substrates to transformative breakthroughs in energy generation, biomedical applications, resource optimization, and sustainable development.

The summit will unite a vibrant community of academics, students, research institutions, and industry leaders—all driven by a shared vision to accelerate nanotechnology-driven innovation, revolutionize industrial and biomedical applications, and foster economic, environmental, and social sustainability through nanoscale solutions.

We warmly invite scientists, engineers, researchers, and professionals from across the fields of materials science, nanotechnology, chemistry, biology, and renewable energy to join us in the magnificent city of Chicago. Together, let us exchange knowledge, spark collaboration, and inspire the breakthroughs that will shape a smarter, more sustainable future.

Welcome to Chicago—welcome to the frontier of nanotechnology and smart innovation!

Best Regards

Fernando Pinto Coelho

Federal University of Alagoas, Brazil



George Manginas

National Centre for Scientific Research Demokritos, Greece

Dear Esteemed Guests,

Welcome to the **6th Global Conference on Advanced Nanotechnology and Nanomaterials, September 28-29, 2026 in Chicago, USA**

It is our distinct honor to welcome you to next year's **6th Global Conference on Advanced Nanotechnology and Nanomaterials in Chicago USA** — a premier gathering of scholars, researchers, and innovators dedicated to advancing the frontiers of nanoscale science and engineering.

As nanotechnology continues to redefine the boundaries of possibility, this conference serves as a vital platform for the exchange of knowledge across disciplines. We are proud to host a diverse array of sessions and symposia that reflect the breadth and depth of the field — from nanomedicine and targeted drug delivery, to nano-enabled energy systems, advanced materials, quantum devices, and environmental remediation technologies.

This year's program brings together leading voices from academia, industry, and government to explore the transformative potential of nanotechnology in addressing global challenges in healthcare, sustainable energy, electronics, and climate resilience.

We invite you to engage rigorously, collaborate openly, and contribute meaningfully to the dialogue that will shape the next generation of nanotechnological innovation.

Welcome to a conference where scale is small, but the impact is profound.

Best regards,

George Manginas

National Centre for Scientific Research Demokritos, Greece

PRESENTATION FORUM

01

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.

02

03

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.

04

05

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 gives 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.

0607

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 gives an exposure to the multidisciplinary field, that provides in-depth learning experiences and address educational needs.

08

ACADEMIC REGISTRATIONS

BUSINESS REGISTRATIONS

01

Speaker Registration

COMBO A

(Registration +
2 Night Accommodation)

COMBO B

(Registration +
3 Night Accommodation)

Delegate Registration

02

Speaker Registration

COMBO A

(Registration +
2 Night Accommodation)

COMBO B

(Registration +
3 Night Accommodation)

Delegate Registration

STUDENT REGISTRATIONS

Registration

YIF

COMBO A

(Registration +
2 Night Accommodation)

COMBO B

(Registration +
3 Night Accommodation)

Posters

03

ADDITIONAL REGISTRATIONS

Accompanying Person

E-Poster

Virtual Presentation

Workshops

Start-Ups

04



REGISTER & PARTICIPATE

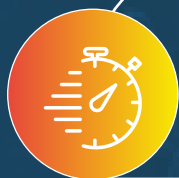
NANO INTELLECTS 2026



CONCURRENT EDUCATIONAL SESSIONS

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MONDAY - SEPTEMBER 28, 2026

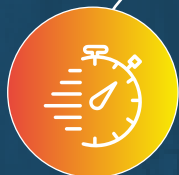


- Nanoscience and Technology
- Novel Drug Delivery



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

GROUP PHOTO | COFFEE BREAK

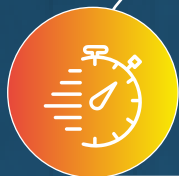


- Nano-Surgery
- Functional Nano Materials
- Graphene and Fullerenes



- 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

GROUP PHOTO | COFFEE BREAK



- Nanotechnology and Energy
- Nanostructures and Nanofilms



- Nano Medicine
 - 3D Printing
 - Carbon Nanotubes
- ● ● ● ● ● ●

CONCURRENT EDUCATIONAL SESSIONS

TUESDAY - SEPTEMBER 29, 2026



- 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

GROUP PHOTO | COFFEE BREAK



- Nanotechnology Materials Science
- Nanotechnology in Military Applications



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

GLIMPSES INTO OUR PAST CONFERENCES

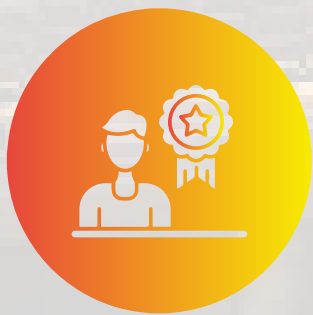


GLIMPSES INTO OUR PAST CONFERENCES



GLIMPSES INTO OUR PAST CONFERENCES





HONORING DISTINGUISHED SPEAKERS @ OUR PAST CONFERENCES



MEET THE PROFESSOR SESSIONS @ OUR PAST CONFERENCES



YOUNG RESEARCHER SESSIONS

@ OUR PAST CONFERENCES



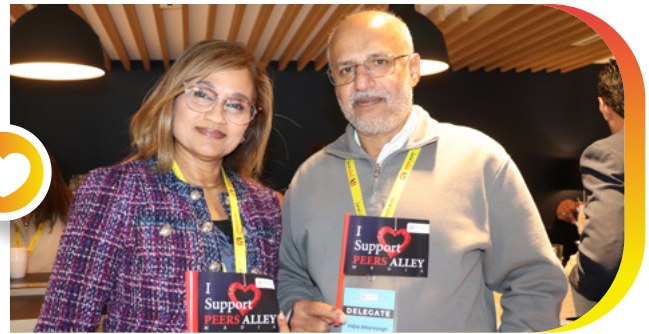
BOOK LAUNCHES

@ OUR PAST CONFERENCES



WE LOVE & SUPPORT

NANOTECHNOLOGY CONFERENCES



NETWORKING... CONFERENCING... 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
2026** is scheduled in the Beautiful city
'Chicago'.

CHICAGO

Chicago holds status as one of the world's most dynamic, diverse, and influential global cities. Known for its power in commerce, finance, technology, education, culture, transportation, and architecture, Chicago consistently ranks among the most important economic and cultural hubs in North America. Arts, business, research, higher education, entertainment, tourism, and logistics are all deeply shaped by the city's influence.

In terms of economic performance, Chicago's metropolitan area is among the largest in the world, with one of the highest GDPs of any city. It is a leading global financial center, home to major exchanges such as the Chicago Mercantile Exchange and the Chicago Board Options Exchange. O'Hare International Airport is one of the busiest in the world by passenger traffic and an essential hub for international connectivity.

Chicago is also recognized as a major center for investment, innovation, and corporate headquarters, hosting dozens of Fortune 500 companies. It has a vibrant cultural scene, with world-renowned museums, theaters, and music institutions, and is considered the birthplace of modern architecture and electric blues. Higher education and research are central to the city, with globally respected institutions including the University of Chicago, Northwestern University, and the University of Illinois at Chicago.



Adler Planetarium



Chicago Architecture
River Cruise



Chicago Riverwalk



Chicago's Navy Pier
Centennial Wheel



Cloud Gate

MUST-SEE DESTINATIONS IN CHICAGO



Field Museum



Griffin Museum of
Science and Industry



Shedd Aquarium



Skydeck Chicago -
Willis Tower



Baha'i House of
Worship



Art Institute of
Chicago



Griffin Museum of
Science and Industr



Morton Arboretum



Chicago Architecture
Center



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CONNECT US

