



Global Materials Science Community and Network

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8TH EDITION OF

ADVANCED MATERIALS SCIENCE WORLD CONGRESS

MARCH 30-31, 2026 | ROME, ITALY

Theme: "Transforming Materials Science through Synergy and Sustainability:
Bridging Research, Technology, and Industry"

ADV. MATERIALS SCIENCE 2026

SUB THEMES

- Pioneering the Circular Economy: Sustainable Material Innovations
- The Intersection of AI and Materials Science
- Advanced Materials in Healthcare: From Bench to Bedside
- Smart and Functional Materials
- Securing the Future: Advanced Materials in Defense and Security
- Electrifying Innovation: Materials for Energy Storage and Conversion
- The Policy Perspective: Regulatory Challenges and Opportunities

WHY TO ATTEND?

What you take

Attending a Materials Science conference offers a valuable opportunity to connect with experts, explore cutting-edge research, and discover sustainable innovations shaping the future of materials engineering. Whether you're from academia, industry, or research, you'll deepen your knowledge of advanced materials, nanotech, and composites, while gaining insight into real-world applications across various sectors. The event also fosters collaboration, professional growth, and global networking opportunities.

125
+



EDUCATIONAL
SESSIONS

60
+



INTERNATIONAL
SPEAKERS

20
+



HOURS OF
NETWORKING EVENTS

12
+



INNOVATIVE
FEATURED SPEAKERS

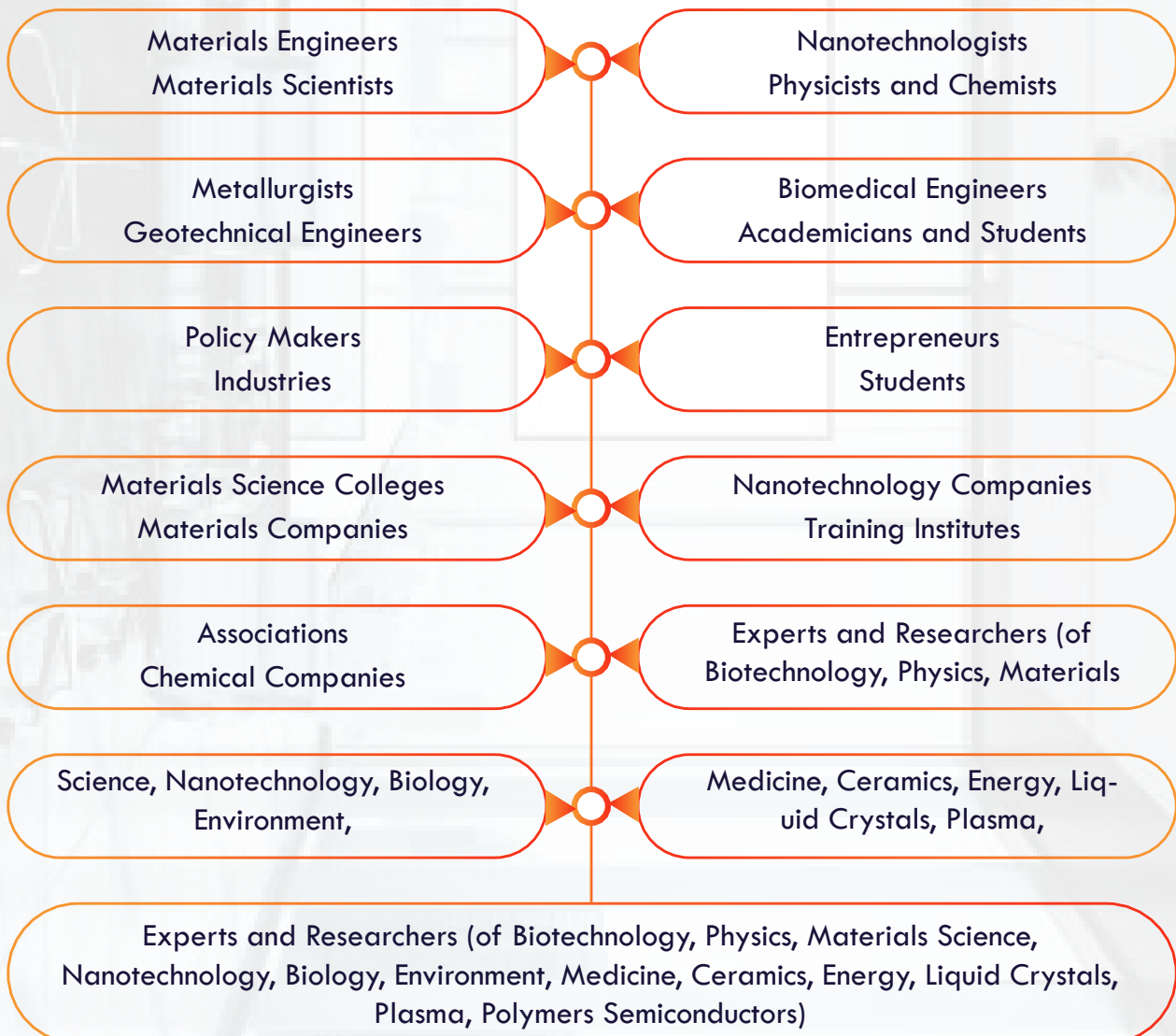
02



02 Day
Conference



WHO SHOULD ATTEND?





EPSScentral LLC

GARY J. DICKELMAN

CEO, EPSScentral LLC, USA



Dear Colleague,

Face-to-face opportunities to collaborate with professors, researchers, scientists, engineers, and entrepreneurs from around the globe are exceedingly rare. Professionals in Advanced Materials Science and related fields will gather in **Rome, Italy, March 30-31, 2026**, for the **8th Edition of the Advanced Materials Science World Congress**. This event offers a unique opportunity to collaborate with leading experts, exchange transformative insights, innovations, groundbreaking results, and visionary perspectives on the trajectory of advanced materials.

If your work involves 2D materials, quantum materials, advanced polymers, nanophotonics, AI/machine learning for materials discovery and R&D, fusion reactor materials, biomaterials, medicine, textiles, innovative construction materials, sustainability, or even cognitive and neuroscience that influence advanced materials innovation, Rome is your essential destination next March. You will present your research, share findings, and engage in dynamic and productive peer-to-peer discussions. Imagine the “AHA!” moments you will experience firsthand!

The need for global collaboration has never been greater. Your participation will contribute significantly to shaping a narrative with immense, positive impacts on this rapidly evolving field.

As a speaker and participant in the 2025 World Congress, I found it one of the most satisfying and stimulating professional experiences of my long career. Participating in the 8th Edition of the Advanced Materials Science World Congress will be among your most impactful professional decisions—a further opportunity to significantly advance this critical field.

Non vediamo l'ora di avervi con noi a Roma!

Warm regards,

Gary J. Dickelman
CEO, EPSScentral LLC, USA

**WEIZHONG DAI**

Louisiana Tech University, USA



As an invited speaker in the “**7th Edition of the Advanced Materials Science World Congress**” on **March 24-25, 2025** in **London UK**, I was very impressed by the conference. It brought together researchers, scientists, academicians, and industry professionals from all over the world (including Algeria, Austria, Azerbaijan, Brazil, Bulgaria, Canada, China, France, Georgia, Germany, India, Italy, Portugal, Spain, Tajikistan, Ukraine, Uruguay, USA, and many other countries) to foster knowledge sharing, idea exchange, and exploration of the latest advancements in the challenging field of advanced materials. I am deeply grateful for the conference organization for the excellent event. I applaud the conference organization for their continuous efforts to hold the “**8th Edition of the Advanced Materials Science World Congress**”, scheduled in March 2026 in the enchanting city of **Rome, Italy**. For all those who are passionately dedicated to the field of advanced materials, I highly recommend you to participate the forthcoming 8th Edition World Congress and provide your insights that contribute to your research work and the development of ground-breaking advancements.

I hope to see you in Rome, Italy.

Weizhong Dai
Louisiana Tech University, USA



NINO CHACHAVA

Georgian Technical University, Georgia

Distinguished guests, esteemed scholars, researchers, and industry professionals,

It is a great honor to welcome you all to the **Advanced Materials Science World Congress 2026**. This esteemed event serves as a multidisciplinary platform where professionals from different fields converge to share their knowledge, exchange experiences, and foster collaborations that will drive innovative ideas in future.

Throughout this conference, we will explore groundbreaking advancements in materials science, bridging the gap between research, industry, and education. The innovative methods and cutting-edge projects presented by the speakers span across various domains—ranging from business-driven applications to investigative research, ultimately influencing and shaping the future of education. These discussions will help academicians, decision makers address new challenges and evolving demands in the respective fields while enhancing academic programs to meet the needs of tomorrow's cities, Architecture, Design, etc.

One of the most remarkable aspects of this congress is the dynamic synergy between leading scholars, academicians, and practitioners. Together, we form a strong alliance, ensuring that the knowledge and expertise shared here transcend beyond these sessions and into real-world applications.

This conference is not only a platform for knowledge dissemination but also a catalyst for economic development across multiple industries. By fostering new collaborations and supporting innovative ideas, we collectively contribute to the growth of scientific research, sustainable technological advancements, and the expansion of business opportunities.

As we embark on this exciting journey in 2026, let us seize this opportunity to showcase our work, engage in meaningful discussions, and lay the foundation for future scientific and industrial clusters. I encourage you all to connect, collaborate, and innovate—because it is through our combined efforts that we can truly push the boundaries of materials science and its applications.

Once again, welcome to the **Advanced Materials Science World Congress 2026**! Let's make this event a milestone in the advancement of our field.

Thank you!

Nino Chachava

Georgian Technical University, Georgia



UNIVERSIDAD
DE LA REPÚBLICA
URUGUAY



BENIGNO RODRÍGUEZ DÍAZ

Facultad de Ingeniería

Universidad de la República, Montevideo, Uruguay

Dear Colleagues,

Last **24-25 March, 2025** we have had the “**7th Edition of the Advanced Materials Science World Congress**”, in **London, UK**. It was a fantastic Congress, with the assistance of distinguished researchers from all the globe. It was an incredible opportunity to listen, see and ask about the advances in different research areas related to materials. It had an excellent organization and unique atmosphere of cooperation among this very diverse team of colleagues.

The next **March 30-31, 2026**, in **Rome, Italy**, the “**8th Edition of Advanced Materials Science World Congress**” will take place, I think this is an event that you should not lose. This represents a great opportunity for transversal contact between different areas of research related to the science of materials.

See you in Rome!

Dr.-Ing. Benigno Rodríguez Díaz

Facultad de Ingeniería, Universidad de la República

Montevideo, Uruguay

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.

02

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.

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.

04

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.

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.

06

07

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

01

Speaker Registration

COMBO A
(Registration +
2 Night Accommodation)

COMBO B
(Registration +
3 Night Accommodation)

Delegate Registration

BUSINESS REGISTRATIONS

02

Speaker Registration

COMBO A
(Registration +
2 Night Accommodation)

COMBO B
(Registration +
3 Night Accommodation)

Delegate Registration

STUDENT REGISTRATIONS

03

Registration

YIF

COMBO A
(Registration +
2 Night Accommodation)

COMBO B
(Registration +
3 Night Accommodation)

Posters

ADDITIONAL REGISTRATIONS

04

Accompanying Person

E-Poster

Virtual Presentation

Workshops

Start-Ups



REGISTER & PARTICIPATE

ADV. MATERIALS SCIENCE 2026



CONCURRENT EDUCATIONAL SESSIONS



MONDAY - MARCH 30, 2026



- Materials Science and Engineering
- Nanomaterials and Nanotechnology



- Polymer Science and Technology
- Surface Science and Engineering

GROUP PHOTO | COFFEE BREAK



- Smart Materials and Applications
- Energy Materials



- Computational Materials Science
- Crystallography

LUNCH BREAK



- Advanced Materials and Nanotechnology
- Biomaterials and Medical Devices



- Materials Physics
- Materials Chemistry

GROUP PHOTO | COFFEE BREAK



- Ceramic Materials
- Composite Materials
- Carbon and 2D Materials



- Glass Science and Engineering
- Graphene Technology
- Green Technologies



CONCURRENT EDUCATIONAL SESSIONS



TUESDAY - MARCH 31, 2026



- Materials Synthesis And Processing
- Materials Characterization
- Condensed matter physics



- Theory And Modeling
- Optics
- Artificial Intelligence
- Robotics

GROUP PHOTO | COFFEE BREAK



- Metals and Alloys
- Bioinspired materials and Systems
- Synthesis and Catalysis



- Mineralogy
- Chemistry
- Semiconductors
- Biocatalysis

LUNCH BREAK



- Metallurgical and Materials Engineering
- Topological Insulators
- Energy Production and Storage



- Electronics and Photonics
- Electronic, Optical and Magnetic Materials
- Nanostructured and Structural Materials

GROUP PHOTO | COFFEE BREAK



- Perovskites
- Materials Informatics
- Selective Laser Sintering
- Metamaterials



- Dichalcogenides
- Advances In Dielectric,
- Piezoelectric Materials and Electronic Devices



GLIMPSES INTO OUR PAST CONFERENCES



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HONORING DISTINGUISHED SPEAKERS @ OUR PAST CONFERENCES



MEET THE PROFESSOR SESSIONS @ OUR PAST CONFERENCES



YOUNG RESEARCHER SESSIONS

@ OUR PAST CONFERENCES



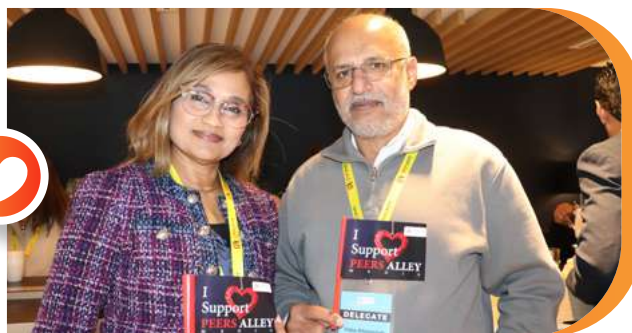
BOOK LAUNCHES

@ OUR PAST CONFERENCES



WE LOVE & SUPPORT

PEERS ALLEY MEDIA 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, **Adv. Materials Science 2026** is scheduled in the Beautiful city "Rome".

ROME

Rome, the capital of Italy, is a city steeped in history, culture, and architectural marvels. Often referred to as "The Eternal City," Rome seamlessly blends its ancient heritage with modern vibrancy, making it one of the most captivating destinations in the world.

As the heart of the Roman Empire, Rome boasts an extraordinary past dating back over 2,500 years. Iconic landmarks such as the Colosseum, Pantheon, and Roman Forum stand as testaments to its glorious history. The Vatican City, an independent city-state within Rome, is the spiritual and administrative center of the Roman Catholic Church and home to St. Peter's Basilica and the Sistine Chapel, featuring Michelangelo's breathtaking frescoes.

Rome is a haven for art lovers, with world-renowned museums such as the Borghese Gallery and Capitoline Museums housing masterpieces by artists like Caravaggio, Raphael, and Bernini. The city's architecture reflects various periods, from classical Roman to Renaissance and Baroque styles.

Italian cuisine thrives in Rome, where traditional dishes like carbonara, cacio e pepe, amatriciana, and supplì (fried rice balls) are must-tries. The city's lively piazzas, such as Piazza Navona and Campo de' Fiori, offer a charming atmosphere filled with cafés, restaurants, and street performers.



Castel Sant'Angelo



Rome Pantheon



The Roman Colosseum



The Spanish Steps



Trevi Fountain



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