

**MATERIALS OCEANIA-2025**

**SEPTEMBER 16-19, 2025**

Yonsei University, Seoul, South Korea



**PRISM**

# 6<sup>th</sup> INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE AND ENGINEERING

**SEPTEMBER 16-19, 2025**

**YONSEI UNIVERSITY, SEOUL, SOUTH KOREA**

## OUR CONFERENCE PARTNERS



## MATERIALS OCEANIA 2025 SPONSORS



[www.materialsconferenceaustralia.com](http://www.materialsconferenceaustralia.com)

# ABOUT THE CONFERENCE

Welcome to the prestigious annual Materials Science Conference, Materials Oceania 2025, an international platform for materials science research and innovation. We are thrilled to announce that this year's event will take place from September 16-19, 2025, at the esteemed Yonsei University in Seoul, South Korea.

Yonsei University, a distinguished institution renowned for its academic excellence and state-of-the-art facilities, offers the perfect venue for this flagship materials science event. Located in the heart of Seoul, the university provides a stimulating environment that blends cutting-edge innovation with Korea's rich cultural heritage.

As we gather for Materials Oceania 2025, we invite participants to engage in a program designed to foster insightful discussions, present groundbreaking materials science research, and cultivate valuable professional connections. The carefully chosen dates and venue promise an event enriched by Seoul's dynamic energy and Yonsei's academic prestige.

Join us at Materials Oceania 2025 in Seoul, South Korea, where the global materials science community will come together to push the boundaries of knowledge and innovation. We look forward to welcoming you to this extraordinary event.

**OFFICIAL LANGUAGE:** The official Language of the conference is English. Unfortunately, translation and interpreting services will not be available.

**WEATHER:** As Materials Oceania 2025, an esteemed international materials science congress, unfolds at Yonsei University in Seoul, South Korea, from September 16 to 19, 2025, attendees can look forward to experiencing the pleasant transition from summer to autumn, offering an ideal setting for this prestigious Materials Science Conference.

**TEMPERATURE:** Climate Overview for Seoul in September: Temperature: In mid-September, Seoul enjoys mild and comfortable weather, with average daily temperatures ranging from 64°F (18°C) to 81°F (27°C). Attendees are encouraged to dress in light, breathable layers for daytime comfort and a light jacket for cooler evenings.

**HUMIDITY:** Humidity levels in September begin to drop, offering a more refreshing atmosphere compared to the summer months, making it an excellent time to attend a Materials Science event and explore the city.

**RAINFALL:** September sees the tail end of the rainy season in Seoul. While the likelihood of rain is lower, brief showers may still occur. Carrying a compact umbrella is advisable to ensure uninterrupted participation in the Materials Science congress activities.

**SUNSHINE:** September in Seoul features abundant sunshine and occasional cloudy intervals, offering a delightful backdrop for the conference as well as the chance to enjoy Seoul's cultural and historical landmarks.

**OVERALL:** September in Seoul provides a pleasant climate that enhances both the conference experience and the opportunity to explore the vibrant city. Attendees can expect an ideal combination of temperate weather and the dynamic atmosphere of South Korea's capital.

We eagerly look forward to welcoming you to Materials Oceania 2025 at Yonsei University, where cutting-edge materials science research and international collaboration converge in this inspiring setting. Join us for a transformative experience at this premier Materials Science Conference!

**DRESS CODE:** We recommend participants to opt for comfortable casual business attire. Given potential variations in meeting room temperatures, we suggest wearing layered clothing to guarantee personal comfort throughout the event.

# A MESSAGE FROM THE CHAIR

## WELCOME TO MATERIALS OCEANIA 2025 IN SEOUL, SOUTH KOREA

The Sixth International Conference on Materials Science and Engineering, Materials Oceania 2025, extends a warm invitation to researchers, professors, early career researchers (ECRs), and students to participate in this highly anticipated event. The conference is scheduled to take place in 2025 in Seoul, South Korea from September 16–19, 2025

Materials Oceania 2025 aims to underscore the necessity and value of collaboration across diverse professional backgrounds. This conference will bring together a diverse and multidisciplinary group of scientists and engineers from around the globe. Attendees will have the opportunity to present their latest findings, exchange ideas, and pave the way for new discoveries. The intersection of different disciplines and specialties often serves as the catalyst for groundbreaking advancements. The ongoing development of materials remains fundamental to technological applications and plays a crucial role in applied science, with a focus on enhancing the quality of life for humanity.

As the conference concludes, we anticipate that participants will leave with the most current and impactful information in the field of materials science.

Join us in Seoul for a vibrant gathering of groundbreaking scientific discussions, and take a moment to explore the dynamic and captivating charm that South Korea's capital has to offer. We eagerly anticipate your participation in this exceptional conference, where innovation and collaboration come together in the heart of Seoul.

## CONFERENCE CHAIR



**JEONGHUN KIM**

Department of Chemical and  
Biomolecular Engineering Yonsei  
University, Seoul, South Korea

# NATIONAL COMMITTEE



**HYUNSOO LIM**

Korea Electronics Technology  
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**JUNGHWAN KIM**

Department of Chemical and  
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Yonsei University South Korea



**DAE WOO KIM**

Department of Chemical and  
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Senior Research Scientist, Materials  
Architecturing Research Center,  
Korea Institute of Science and  
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Associate Professor Department of  
Chemical and Biomolecular  
Engineering, Yonsei University  
South Korea



**JUNGMOK YOU**

Department of Plant &  
Environmental New Resources  
Kyung-Hee University  
South Korea

# WHO'S ATTENDING MATERIALS OCEANIA 2025?

Materials Oceania 2025 will bring together a diverse group of experts and professionals from the global materials science and engineering community. Attendees

## ATTENDEES WILL INCLUDE:

- **Professors & Associate Professors** – Renowned researchers and academic leaders sharing cutting-edge advancements.
- **Assistant Professors & Lecturers** – Emerging experts contributing to innovative research and education.
- **PhD Students & Postdoctoral Researchers** – The next generation of scientists presenting groundbreaking studies.
- **Industry Professionals & R&D Experts** – Leaders from companies and research institutions exploring real-world applications.
- **Startup & Venture Capital Representatives** – Investors and entrepreneurs driving innovation in the field.

This dynamic gathering fosters collaboration, networking, and knowledge exchange, making it a must-attend event for anyone passionate about materials science and engineering.

## SCIENTIFIC SESSIONS OF MATERIALS OCEANIA

- Electronics and Optical Materials
- Energy and Environmental Materials
- Nanotechnology and Nanoscience
- Ceramics, Polymers and Composite Materials
- Biomaterials, Bioengineering and Bio-related Applications
- Structural Materials
- Computational Materials
- Advanced Characterizations
- Porous Materials

## SOCIAL EVENTS AT MATERIALS OCEANIA 2025

Materials Oceania 2025 is not just about scientific discussions—it's also an opportunity to connect, network, and engage with peers in a vibrant and welcoming environment. Our carefully curated social events will provide the perfect setting for meaningful interactions and collaborations.

**Welcome Reception** – Kick off the conference with an evening of networking and refreshments. Meet fellow attendees, reconnect with colleagues, and set the stage for an exciting event.

**Coffee Breaks & Networking Sessions** – Engage in informal discussions over coffee and snacks. These breaks provide a great opportunity to exchange ideas, build connections, and explore potential collaborations.

**Gala Dinner & Social Night** – A highlight of the event, this special evening will feature fine dining, entertainment, and a chance to unwind in a relaxed atmosphere with fellow researchers and professionals.

**Closing Ceremony** – Celebrate the success of the conference as we wrap up with key takeaways, acknowledgments, and awards. A perfect way to conclude the event on a high note!

**Join us at these social gatherings to make the most of your Materials Oceania 2025 experience!**

# MATERIALS OCEANIA 2025 – PROGRAM OVERVIEW

Materials Oceania 2025 will bring together leading researchers, industry experts, and innovators for three days of insightful discussions, networking, and collaboration. The program will feature keynote sessions, panel discussions, technical presentations, workshops, and poster sessions, covering the latest advancements in materials science and engineering. With a focus on innovation and interdisciplinary research, the event will provide opportunities to explore emerging technologies, industry applications, and global challenges.

Join us from **September 16–19, 2025, at Yonsei University, Seoul, Korea**, and be part of this premier scientific gathering.

LIVE EVENTS					
DAY 0					
WELCOME RECEPTION PARTY AND REGISTRATION					
DAY – 1 ROOM 1		DAY – 1 ROOM 2 ( PARALLEL SESSION)		DAY – 1 ROOM 3 ( PARALLEL SESSION)	
08:00–08:30	REGISTRATION	11:00–11:30	COFFEE BREAK & NETWORKING	11:00–11:30	COFFEE BREAK & NETWORKING
08:30–9:00	OPENING SPEECH	11:30–13:10	KEYNOTE TALKS	11:30–13:10	KEYNOTE TALKS
09:00–11:00	PLENARY TALKS	13:10–14:00	LUNCH BREAK	13:10–14:00	LUNCH BREAK
11:00–11:30	COFFEE BREAK & NETWORKING	14:00–16:00	INVITED TALKS	14:00–16:00	INVITED TALKS
11:30–13:10	KEYNOTE TALKS	16:00–16:30	COFFEE BREAK & NETWORKING	16:00–16:30	COFFEE BREAK & NETWORKING
13:10–14:00	LUNCH BREAK	16:30–17:30	ORAL TALKS	16:30–17:30	ORAL TALKS
14:00–16:00	INVITED TALKS				
16:00–16:30	COFFEE BREAK & NETWORKING				
16:30–17:30	ORAL TALKS				

DAY – 2 ROOM 1 ( PARALLEL SESSION)		DAY – 2 ROOM 2 ( PARALLEL SESSION)		DAY – 2 ROOM 3 ( PARALLEL SESSION)	
09:00–11:00	PLENARY TALKS	11:00–11:30	COFFEE BREAK & NETWORKING	11:00–11:30	COFFEE BREAK & NETWORKING
11:00–11:30	COFFEE BREAK & NETWORKING	11:30–13:10	KEYNOTE TALKS	11:30–13:10	KEYNOTE TALKS
11:30–13:10	KEYNOTE TALKS	13:10–14:00	LUNCH BREAK	13:10–14:00	LUNCH BREAK
13:10 –14:00	LUNCH BREAK	14:00–15:40	INVITED TALKS	14:00–15:40	INVITED TALKS
13:10 –14:00	INVITED TALKS	16:00–16:30	COFFEE BREAK & NETWORKING	16:00–16:30	COFFEE BREAK & NETWORKING
14:00–15:40	COFFEE BREAK & NETWORKING	17:00–17:30	ORAL TALKS	17:00–17:30	ORAL TALKS
17:00–17:30	ORAL TALKS				

DAY – 3 ROOM 1		DAY – 3 ROOM 2 ( PARALLEL SESSION)		DAY – 3 ROOM 3 ( PARALLEL SESSION)	
09:00–10:15	KEYNOTE TALKS	09:00–10:15	KEYNOTE TALKS	09:00–10:15	KEYNOTE TALKS
10:15–12:10	INVITED TALKS	10:15–12:10	INVITED TALKS	10:15–12:10	INVITED TALKS
10:55–11:30	COFFEE BREAK & NETWORKING	10:55–11:30	COFFEE BREAK & NETWORKING	10:55–11:30	COFFEE BREAK & NETWORKING
12:10–12:55	ORAL TALKS	14:00–15:40	ORAL TALKS	14:00–15:40	ORAL TALKS
13:00	ONWARDS CLOSING CEREMONY	13:00	ONWARDS CLOSING CEREMONY	13:00	ONWARDS CLOSING CEREMONY

# ABSTRACT

We invite all prospective speakers to submit their abstracts for **Materials Oceania 2025**, scheduled for **September 16–19, 2025**, at **Yonsei University, Seoul, South Korea**.

To submit your abstract, please fill out the online submission form provided below. Ensure all required fields — including **title**, **author name**, **affiliation**, **contact information**, and **country** — are accurately completed.

The **presenting author** (whose name should be underlined in the abstract) must register through the official [registration page]. Please note that only registered presenters will be included in the final conference program.

## When completing the form:

- **Select the type of presentation** you are interested in (e.g., oral, poster, invited lecture).
- **Choose the relevant scientific category** that best fits your topic.
- **Upload your abstract** using the required format.
- The **abstract template is available on this page** for download and reference.

Once all details have been entered, click **Submit** to finalize your abstract submission.

Should you have any questions or need assistance during the submission process, our conference team is here to help.

## FEATURED TOPICS & EXPERT-LED SESSIONS

- Electronics and Optical Materials
- Energy and Environmental Materials
- Nanotechnology and Nanoscience
- Ceramics, Polymers and Composite Materials
- Biomaterials, Bioengineering and Bio-related Applications
- Structural Materials
- Computational Materials
- Advanced Characterizations
- Porous Materials

Please find the abstract submission link provided below

**<https://www.materialsconferenceaustralia.com/abstract-submission>**

## REGISTRATION

To confirm your participation, kindly complete the registration form provided below. This form applies to all participant categories, including invited speakers, oral/poster presenters, students, delegates, and exhibitors.

## EARLY BIRD REGISTRATION

Take advantage of our Early Bird Registration, which is available until May 30, 2025. Discounted rates are as follows:

- **Standard Attendee:** \$750
- **Student Attendee:** \$450
- **Woman Attendee:** \$650
- **Online Participation:** \$400

Register early to lock in these reduced rates and ensure your place at one of the most anticipated materials science conferences of the year.

For any questions or assistance with the form, feel free to reach out to our support team. We look forward to welcoming you to **Materials Oceania 2025!**

Please find the registration page link below

**<https://www.materialsconferenceaustralia.com/registration-form>**

## DETAILED DESCRIPTION OF THE REGISTRATION

Welcome to the Materials Oceania Conference Registration Page! We're thrilled to have you join us for this exciting event. To help guide you through the registration process, we've broken it down into several key points:

- The registration fees for Standard Attendees vary depending on the registration period.
- These fees are applicable to participants from developed countries, which are generally considered to be countries with high-income economies, advanced technological infrastructure, and high standards of living.

### Discount Waivers for Underdeveloped Countries

For participants from underdeveloped countries, we offer special fee discounts as part of our commitment to making the conference accessible to a wider range of global participants. To promote inclusivity and provide opportunities to researchers, students, and professionals from regions with fewer resources, we provide the following benefits:

#### Discounted Registration Fees:

We may reduce the fees for attendees from underdeveloped countries to ensure their participation. These discounts can vary, and the registration team will get in touch with eligible participants to provide specific discounted amounts.

### Student Registration Fee and Discount Waivers

We value the participation of students and recognize their essential role in the field. To ensure that our conference remains affordable for the next generation of professionals In addition to the standard student fees, we may offer further discounts for students from underdeveloped countries.

If you're a student and believe you might be eligible for additional discounts, please reach out to the registration team or check for promo codes that might apply to your registration.

### Key Benefits of Your Registration

Your registration includes access to numerous valuable benefits, ensuring that you have a memorable and enriching experience:

#### Access to All Conference Sessions:

Participate in keynotes, talks, and technical sessions.

#### Workshops and Symposiums:

Enhance your skills with hands-on workshops and interactive discussions.

## EXPLORE SEOUL: MUST-VISIT SIGHTSEEING SPOTS DURING MATERIALS OCEANIA 2025

While attending Materials Oceania 2025 in Seoul, take the opportunity to explore this vibrant city, where tradition meets modernity. Here are some must-visit sightseeing spots:



**Gyeongbokgung Palace** – The grandest of Seoul's five palaces, offering a glimpse into Korea's royal history with its stunning architecture and the iconic Changing of the Guard ceremony.



**Myeongdong Shopping Street** – A paradise for shopping and street food lovers, Myeongdong is famous for its trendy fashion stores, beauty products, and delicious local treats.



**N Seoul Tower (Namsan Tower)** – Enjoy breathtaking panoramic views of Seoul from this iconic landmark, a perfect spot for photos and evening city lights.



**Bukchon Hanok Village** – Step back in time and stroll through a charming neighborhood filled with traditional Korean hanok houses, offering a unique cultural experience.



**Insadong** – A cultural hub where you can find Korean antiques, art galleries, tea houses, and handicrafts, making it a great place to pick up souvenirs.



**Hangang River Park** – A relaxing escape in the heart of the city, perfect for a scenic walk, biking, or a river cruise to enjoy Seoul from a different perspective.



**Gwangjang Market** – One of Seoul's oldest markets, offering authentic Korean street food like bindaetteok (mung bean pancakes) and gimbap. Make the most of your trip by exploring Seoul's rich history, vibrant culture, and breathtaking cityscapes!

# PREVIOUS MATERIALS EVENTS



# **MATERIALS OCEANIA-2025**

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**Yonsei University, Seoul, South Korea**

Sponsors and Exhibitors of Positioning Materials Oceania 2025 are granted the opportunity to connect, collaborate, and partake in scientific sessions thereby enhancing their networking potential and ROI.

By uniting these conferences with a shared exhibition space and an expected participation of over 300 professionals, the message emphasizes the strategic advantage of this cross-event engagement.

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