



Korean International
Semiconductor Conference & Exhibition on
Manufacturing Technology 2024



KISM 2024 BUSAN

Cutting-Edge : Manufacturing and ESG Technology

November 11-15, 2024

Paradise Hotel Busan & Grand Josun Busan
(Haeundae Beach) | Busan, Korea

On behalf of the Organizing Committee, it is my great honor and pleasure to cordially invite you to the Korean International Semiconductor Conference & Exhibition on Manufacturing Technology 2024 (KISM 2024 BUSAN), which will be held at Paradise Hotel Busan & Grand Josun Busan (Haeundae Beach), Busan, Korea from November 11 to 15, 2024.

KISM, as the first international semiconductor conference in Korea since 2022, has emerged as a prestigious platform for high-quality abstract presentations and gatherings of distinguished experts from around the world to deliver presentations.

KISM 2024 BUSAN will be a fundamental ground to exchange high-quality results and ideas provided by researchers and scientists from a variety of universities, industries, and research institutes. Furthermore, it also provides a conference to present the cutting-edge research outputs which would help both students and researchers with their future research studies and works to be conducted. Hence, individuals actively engaging in semiconductor manufacturing technology research and development are greatly encouraged to participate in the conference and gain academic insights they have desired.

This meeting will include prestigious Plenary Talks, Invited Talks, Regular Sessions (oral & poster presentations), and Exhibitions. I hope you take this unique opportunity to present your recent research and development highlights, interact with your colleagues and peers, and have a memorable and rewarding experience at KISM 2024 BUSAN.

I do thank you for your participation and contributions in advance and look forward to seeing you in Busan, Korea. Thank you very much.

A handwritten signature in black ink, reading 'Hyeonntag Jeon'.

Hyeonntag Jeon, Ph.D., Professor
General Chair of KISM 2024 BUSAN
Division of Materials Science & Engineering
College of Engineering
Hanyang University

Important Dates



Extended Abstract Submission Deadline
September 13, 2024



Pre-Registration Deadline
October 25, 2024

Guideline for Abstract Submission



All authors are required to upload their abstract to the online abstract submission system.

Conference Topics

1. Nano Thin Film Deposition

- Chairs Prof. Se Hun Kwon (Pusan Nat'l Univ., Korea)
Prof. Woo Hee Kim (Hanyang Univ., Korea)
Prof. Yukihiro Shimogaki (The Univ. of Tokyo, Japan)

2. CMP & Cleaning

- Chairs Prof. Tae-Dong Kim (Hannam Univ., Korea)
Prof. Sangwoo Lim (Yonsei Univ., Korea)
Prof. Jihoon Seo (Clarkson Univ., USA)

3. Advanced Etching Technology

- Chairs Prof. Heeyp Chae (Sungkyunkwan Univ., Korea)
Prof. Chin-Wook Chung (Hanyang Univ., Korea)
Prof. Daisuke Ogawa (Chubu Univ., Japan)
Prof. Steven Shannon (NC State Univ., USA)

4. Advanced Lithography + Patterning

- Chairs Prof. Myung-Ki Kim (Korea Univ., Korea)
Prof. Jong-Rak Park (Chosun Univ., Korea)
Research Fellow, Jeonglim Nam (Hanyang Univ., Korea)
Dr. Youssef Drissi (imec, Belgium)

5. Post Fabrication Technology and System Packaging

- Chairs Prof. Gu-Sung Kim (Kangnam Univ., Korea)
Prof. Changhwan Choi (Hanyang Univ., Korea)
Dr. Takao Enomoto (Rapidus Inc., Japan)

6. Frontier Metrology, Diagnosis, and Modeling for Nanoscale IC Integration and Emerging Device Process

- Chairs Prof. Hyungtak Seo (Ajou Univ., Korea)
Prof. Tae-Hun Shim (Hanyang Univ., Korea)
Dr. Byoung-Ho Lee (Hitachi-hightech, Japan)

7. Power Device

- Chairs Prof. Ho-jun Lee (Pusan Nat'l Univ., Korea)
Prof. Ogyun Seok (Pusan Nat'l Univ.)
Dr. Jang-Kwon Lim (Research Inst. of Sweden AB, Sweden)

8. Carbon Neutrality in Semiconductor Industry

- Chairs Prof. Hankwon Lim (UNIST, Korea)
Prof. Hongsik Jeong (UNIST, Korea)
Prof. Youngkook Kwon (UNIST, Korea)
Prof. Boreum Lee (Chonnam Nat'l Univ., Korea)

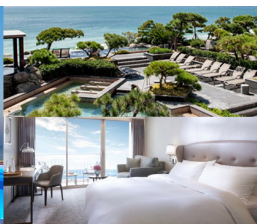
Busan, Conference Host City



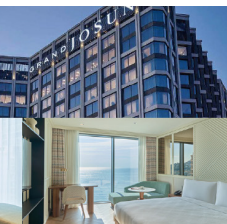
Located at the southern tip of the Korean peninsula, Busan is the second largest metropolis in Korea. It is home to the country's longest river, longest beach, and most significant port.

Its geography includes a coastline featuring superb beaches, scenic cliffs, and mountains that provide excellent hiking and extraordinary views with hot springs scattered throughout the city. Busan enjoys four distinct seasons and a temperate climate that never gets too hot or cold. For these reasons, Busan is becoming a world-class city for tourism and culture and a hot spot destination for international conventions.

PARADISE HOTEL BUSAN



GRAND JOSUN BUSAN



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