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KISM 2023

Korean International Semiconductor Conference
on Manufacturing Technology 2023



November 19-23, 2023

**Paradise Hotel Busan (Haeundae Beach)
Busan, Korea**

General Chair

Hyeongtag Jeon
Hanyang Univ., Korea

Organizing Chair

Jinsub Park
Hanyang Univ., Korea

..... **Contact Us**

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Welcome Message



On behalf of the Organizing Committee, it is my great honor and pleasure to cordially invite you to the Korean International Semiconductor Conference on Manufacturing Technology 2023 (KISM 2023), which will be held at Paradise Hotel Busan (Haeundae Beach), Busan, Korea from November 19 to 23, 2023.

With your devoted support, last year KISM 2022, the first international conference on semiconductors with name of Korea, was successful with the highest level of paper presentations and number of participants.

KISM 2023 will be a fundamental ground to exchange high-quality results and ideas provided by Researchers and Engineers 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 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 2023.

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

Thank you very much.

Hyeongtag Jeon, Ph.D., Professor

General Chair of KISM 2023
Division of Materials Science & Engineering
College of Engineering
Hanyang University

Abstract Submission
Deadline

2023.07.31. (Mon.)

Notification of
Abstract Acceptance

2023.09.13. (Wed.)

Pre-Registration
Deadline

2023.10.31. (Tue.)

Conference Topics



1. Advanced Atomic Scale Thin Films

Chairs: Prof. Hyeongtag Jeon (Hanyang Univ., Korea)
Prof. Se Hun Kwon (Pusan Nat'l Univ., Korea)
Prof. Woo Hee Kim (Hanyang Univ., Korea)

2. CMP & Post CMP Cleaning

Chairs: Prof. Jae-gun Park (Hanyang Univ., Korea)
Prof. Taesung Kim (Sungkyunkwan Univ., Korea),
Prof. Jinsub Park (Hanyang Univ., Korea)

3. Advanced Etching Technology

Chairs: Prof. Geun Young Yeom
(Sungkyunkwan Univ., Korea)
Prof. Chin-Wook Chung (Hanyang Univ., Korea),
Prof. Haejune Lee (Pusan Nat'l Univ., Korea)

4. Advanced Lithography

Chairs: Prof. Jong-Rak Park (Chosun Univ., Korea)
Research Fellow, Jeonglim Nam
(Hanyang Univ., Korea)
Prof. Myung-Ki Kim (Korea Univ., Korea)

5. Post Fabrication Technology and System Packaging

Chairs: Prof. Gu-Sung Kim (Kangnam Univ., Korea)
Prof. Changhwan Choi (Hanyang Univ., Korea)

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

Chairs: Prof. Tae-Hun Shim (Hanyang Univ., Korea)
Prof. Hyungtak Seo (Ajou Univ., Korea)

7. Power Device

Chairs: Prof. Ho-jun Lee (Pusan Nat'l Univ., Korea)
Prof. Ogyun Seok (Kumoh Nat'l Inst. of Tech., Korea)