

# 3<sup>rd</sup> Korea-Tribology International Symposium K-TRIB2023

BEXCO, Busan, Korea  
April 2 (Sun) - 5 (Wed), 2023  
[www.K-TRIB2023.org](http://www.K-TRIB2023.org)

## Invitation Message

We are delighted to announce that the 3<sup>rd</sup> Korea-Tribology International Symposium (K-TRIB2023) organized by the Korean Tribology Society (KTS) will be held from April 2 to 5, 2023, in the beautiful marine city of Korea, Busan.

The importance of tribology has been increasingly emphasized over the years as we face critical technical and social issues related to energy and the environment. In this regard, tribology will continue to play a vital role in the development of novel technologies to maximize the efficiency as well as the performance of machines and devices. The aim of K-TRIB2023 is to provide a platform for scientists and engineers from all over the world to share the latest information on a wide range of topics relevant to tribology. The topics will include all the major themes of tribology and other related fields.

K-TRIB2023 will be held at the Busan Exhibition and Convention Center (BEXCO) in Busan. From the venue, you can easily access the entire city as well as the surrounding areas to explore the beautiful nature and the cultures of the second largest city in Korea. Indeed, April is an excellent time of the year to enjoy the dynamic atmosphere of the marine city, Busan.

We expect K-TRIB2023 to be exciting and fruitful for all the attendees from academia as well as industry. We invite all of you to participate in this event and we look forward to hosting you in the exciting city of Busan in April 2023.

Sincerely,

Prof. Sang-Shin Park  
Chair, K-TRIB2023  
President, Korean Tribology Society (KTS)

## Symposium Venue

K-TRIB2023 will be held at the Busan Exhibition and Conference Center (BEXCO), in Busan. Busan is the second largest and most popular ocean tourism city in Korea, located on the southeastern tip of the Korean territory. Nestled in a harmonious environment between mountains, rivers, and sea, the city offers some unique tourism and traditional culture, including nearby UNESCO World Heritage Sites. You will enjoy the flavor of the traditional Korean culture in the beautiful natural scenery.

## Topics

Fundamentals of friction and wear  
Contact mechanics  
Boundary lubrication  
Elastohydrodynamic lubrication  
Fluid film lubrication  
Lubricants, additives, and tribo-chemistry  
Solid lubrication  
Coatings and thin films  
Surface modification  
Surface characterization  
Rolling and journal bearings  
Micro/nano tribology  
Tribology of MEMS/NEMS  
Reliability of machine elements and systems  
Tribology of manufacturing processes  
Chemical mechanical polishing  
Magnetic recording systems  
Automotive tribology  
Biotribology  
Green tribology  
Tribo-testing methods  
Condition monitoring  
Other related topics

## Important Dates

- Abstract submission deadline: **Dec. 5, 2022**
- Acceptance notification: **Dec. 20, 2022**
- Early registration: **Jan. 5, 2023**

## Registration

- Online registration can be done through the K-TRIB2023 website.
- On-site registration will also be possible.

Category	Early Registration On or Before Jan. 5, 2023	Regular Registration After Jan. 5, 2023
Regular (w/ Banquet)	KRW 600,000	KRW 700,000
Student (w/o Banquet)	KRW 200,000	KRW 300,000

- Registration fee includes Abstract book, refreshments, lunch, and banquet (Regular).
- Banquet fee: KRW 55,000 for student and accompanying person.

## Committee Chairs

**Honorary Chair**  
Dae-Eun Kim (Yonsei Univ.)

**General Chair**  
Chair Sang-Shin Park (Yeungnam Univ.)  
Co-Chair Byung-Chul Na (KATECH)  
Vice Chair Wan-Seop Kwon (SKL)

**Organizing Committee**  
Chair Yong Hoon Jang (Yonsei Univ.)

**Program & Publication Committee**  
Chair Hyun-Seop Lee (Dong-A Univ.)

**International Advisory Committee**  
Chair Koo-Hyun Chung (Univ. Ulsan)  
Minhaeng Cho (Chung-Ang Univ.)

**Local Advisory Committee**  
Chair Jong-Hyung Kim (KITECH)  
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**Financial Secretary**  
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Tae-Ho Kim (Kookmin Univ.)  
Sung-Ho Hong (Dongguk Univ.)  
Moon-Yong Sung (GS Caltex)  
Chul-Hee Lee (Inha Univ.)

## Contact Information

**K-TRIB2023 Secretariat**  
#419, Seoul Technopark, 232, Gongneung-ro,  
Nowon-gu, Seoul 01811, Korea

Correspondence and Conference Website  
Ms. Jae-Jeong Lee  
Email: [secretariat@K-TRIB2023.org](mailto:secretariat@K-TRIB2023.org)  
Website: [www.K-TRIB2023.org](http://www.K-TRIB2023.org)