

3rd Korea-Tribology International Symposium K-TRIB2023

BEXCO, Busan, Korea
April 2 (Sun) - 5 (Wed), 2023
www.K-TRIB2023.org

Invitation Message

We are delighted to announce that the 3rd 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	Regular Registration
	On or Before Jan. 5, 2023	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 (SK Lubricants)

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)
Jong-Seop Rho (KLOIA)

Financial Secretary

Chair Seung-Pyo Lee (ILJIN Global)

General Secretary

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
Website: www.K-TRIB2023.org