

2nd Korea-Tribology International Symposium K-TRIB2020

November 29 – December 2, 2020 | Online Symposium



Welcome Message

First of all, we hope that all of you are well and safe from the COVID-19 pandemic. Given this unprecedented crisis all over the world, we have decided that the 2nd Korea-Tribology International Symposium (K-TRIB2020), organized by the Korean Tribology Society (KTS), will be held entirely by online from November 29 to December 2, 2020. As online conferences have become the new normal in 2020, we are confident that online K-TRIB2020 will be executed effectively without compromising the high quality of the oral and poster presentations.

The importance of tribology has been increasingly emphasized over the years as we face critical technical and social issues related to energy and 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 performance of machines and devices. As a result, a significant portion of energy and environmental problems that confront our present and future lives is expected to be overcome. We, as tribologists, should take the lead in this important endeavor.

The aim of K-TRIB2020 is to provide the 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. Even though K-TRIB2020 will be held online, we expect K-TRIB2020 to be exciting and fruitful for all the participants from academia as well as industry. We invite all of you to participate in this event.

Sincerely,

Prof. Dae-Eun Kim
Chair, K-TRIB2020

Topics

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

Submission of Abstract and Full Paper (optional)

For all presentations Abstract must be submitted through the K-TRIB2020 website at www.K-TRIB2020.org by the specified deadline.

Authors may also submit a Full Paper for consideration for publication in the following participating journals: J. of Friction and Wear (SCIE, SCOPUS); Coatings (SCIE, SCOPUS); Lubricants (SCOPUS); Tribology and Lubricants (KCI). The papers will go through a peer review process according to the guidelines of the selected journal. Details regarding the paper submission to participating journals are provided in the website.

Important Dates

- Abstract submission deadline : October 10, 2020
- Acceptance notification : October 11, 2020
- Full paper submission (optional) deadline : December 20, 2020
- Early registration : October 18, 2020

Online Symposium

K-TRIB2020 will be held online. Oral presenters will submit a 12–15 minute pre-recorded presentation video file. Poster presenters will submit a poster presentation file (max. 8 ppt pages) along with a 2–3 minute presentation audio file. All registered participants will be able to view the presentations at any time during the symposium dates. Downloading of the presentation files will be strictly prohibited.

Registration

- Online registration can be done through the K-TRIB2020 website (<http://K-TRIB2020.org>).

Category	Early Registration (On or Before October 18, 2020)	Regular Registration (After October 18, 2020)
Non-student Registration	KRW 150,000	KRW 200,000
Student Registration	KRW 100,000	KRW 120,000

- Registration fee includes Abstract Book PDF file, access to all pre-recorded presentations during the symposium dates (Nov. 29 – Dec. 2, 2020).

Contact Information

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| Correspondence and Symposium Website | Email : secretariat@K-TRIB2020.org | Website : www.K-TRIB2020.org