



Society of Tribologists and Lubrication
Engineers

79th Annual Meeting & Exhibition

Rolling Element Bearing Technical Committee

Call for Abstracts

Abstract Submission DEADLINE: Friday, October 4, 2024

(After October 4, the site will remain open to accept abstracts for the wait list.)

Dear friends and colleagues,

The Rolling Element Bearing Technical Committee is soliciting papers and presentations for the 79th STLE Annual Meeting & Exhibition. The event will be held on May 18-22, 2025, at the Hyatt Regency in Atlanta, Georgia.

While all aspects of rolling element bearing technology are welcome, those related to current challenges in practical bearing applications and new technology innovations addressing these challenges are of particular interest.

Such topics may include, but are not limited to:

- Modeling and design analysis
- Reliability analysis & life prediction
- Noise and vibration issues in bearings
- Impact of lubrication on bearing performance
- Low torque bearings and/or large size bearings
- The effect of contamination and bearing cleanliness
- Case studies of challenging bearing applications and their solutions

This year, authors will be given the opportunity to request a 20-minute presentation slot (15 minute presentation + 5 minute Q&A) or a 40-minute presentation slot (30 minute presentation + 10 minute Q&A) when they submit an abstract. The Rolling Element Bearing session (REB) particularly welcomes presentations on the application of bearings to cutting edge technology in the automotive (including EV), aerospace, and energy generation industries.

Interested authors are encouraged to submit abstracts through the online submission portal found at <https://stle2024.abstractcentral.com/>.

REB Best Young Presenter Award

REB committee presents the “Best Young Presenter Award” at each year’s annual meeting. The purpose of this award is to recognize a single presentation in the REB sessions for its outstanding contribution to the advancement of rolling element bearing technology. The emphasis is especially on presentations by students, which contribute to the future of rolling element bearing development. All papers submitted by students for REB sessions at the STLE 2024 Annual Meeting will be considered for this award.

Contact Information

For questions related to Rolling Element Bearing (REB) abstract submissions, please contact **Travis Shive** (travis.shive@skf.com) or **Ujjawal Arya** (uarya@purdue.edu)

For general questions on the 78th STLE Annual Meeting & Exhibition, please contact **Merle Hedland** at (mhedland@bacon-hedland.com).

Important Deadlines

Deadline for Abstracts: **October 4, 2024**.

Deadline for Early Career Poster and Student Poster Competition Abstracts: **March 1, 2025**.

Deadline for Student and Early Career Awards: **December 1, 2024**.

Regards,

Ujjawal Arya
Purdue University
2024 PSC – Rolling Element Bearings

Thomas Russell
Exponent, Inc.
2024 Vice PSC – Rolling Element Bearings