

Fluid Film Bearings Technical Committee Call for Papers

76th STLE Annual Meeting & Exhibition, May 15-19, 2023
Walt Disney World Swan & Dolphin, Orlando, Florida (USA)

Dear colleagues,

The Fluid Film Bearings Technical Committee is pleased to announce the Call for Papers for the 76th STLE Annual Meeting & Exhibition that will be held on May 15 - 19, 2022 in New Orleans, Louisiana.

Theoretical and experimental studies dealing with various aspects of *liquid* and *gas fluid-film bearings* (hydrodynamic, hydrostatic, and hybrid) will be considered for presentations.

For the Fluid Film Bearings Sessions, presentation topics include (but are not limited to):

- bearings with active and passive control, sensors (e.g. smart bearings, smart lubricants, embedded systems);
- lubrication with non-Newtonian fluids, water, contaminated fluids (liquid/solid), refrigerants (two phase lubricants), and emulsions;
- transient operation of bearings and dynamic behavior (incl. cold starting at high loads, dynamics of ultra-high-speed bearings, self-induced and forced vibrations of machinery, resonance);
- compliant bearings (e.g. elastomer-lined marine bearings, PTFE coated bearings);
- mixed lubrication regime and stick-slip phenomena;

Please mark your calendar and submit your 100-150 word (1000-character hard limit) abstract (short) electronically to the online submission website (<https://stle2022.abstractcentral.com>) no later than:

Friday, October 1st, 2021

For STLE 2022, the Fluid Film Bearing Technical Committee would also kindly request the submission of an extended (1-page or 400 word) abstract by Friday, January 1, 2022 for those initially accepted presentation abstracts (short).

With warm regards,

Bruce Fabijonas, PSC, brf@kingsbury.com
Xuan Ma, Vice PSC, maxuan@hrbeu.edu.cn

Deadlines and Contacts

Abstract submission deadline: October 1st 2021

If you need additional information please contact:

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For questions on general information of the 2022 STLE Annual Meeting & Exhibition, please contact **Mr. Merle Hedland** at mhedland@bacon-hedland.com