

Fluid Film Bearings Technical Committee Call for Papers

75th STLE Annual Meeting & Exhibition, May 16-20, 2021
Hyatt Regency New Orleans, New Orleans, Louisiana (USA)

Dear colleagues,

The Fluid Film Bearings Technical Committee is pleased to announce the Call for Papers for the 75th STLE Annual Meeting & Exhibition that tentatively will be held on May 16 - 20, 2021 in New Orleans, Louisiana, though there is a possibility that the conference will be virtual. The STLE board will decide on the format sometime in November.

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;

The deadline for submitting your 100-150 word (1000-character hard limit) abstract (short) electronically to the online submission website (<https://stle2021.abstractcentral.com>) has been extended to

Monday, October 26th, 2020

For STLE 2021, 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, 2021 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 26th 2020

If you need additional information please contact:

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For questions on general information of the 2021 STLE Annual Meeting & Exhibition, please contact **Mr. Merle Hedland** at mhedland@bacon-hedland.com