



**Society of Tribologists and Lubrication Engineers (STLE)
75th Annual Meeting & Exhibition**

**Call for abstracts in
Contact Mechanics**

Dear Colleagues,

On behalf of the Contact Mechanics Technical Committee, we invite you to present at the 75th Annual STLE Meeting and Exhibition to be held May 3rd - 7th in Chicago, Illinois. The presentations are 30 minutes, including 5 minutes for Q&A. The Contact Mechanics session mainly focuses on the experimental and theoretical studies of materials in contact and the resulting tribological ramifications.

The Contact Mechanics session topics include, but are not limited to:

- Interfacial Biotribology
- Biphasic interfaces
- Characterization of Soft Materials
- Elasto-plastic contacts
- Multiscale indentation methods and characterization (nano, micro, macro, etc.)
- Molecular dynamics simulation of interfaces
- Finite element simulations of contact
- Asperity modeling
- Surface properties (roughness, adhesion, hydrophilicity, etc.) and their effects at the interface
- Multiscale modeling uniting interfaces and structural response

The deadline to submit an abstract is **October 1st, 2019**. Information regarding the 2020 Annual Meeting may be found at <http://www.stle.org/annualmeeting>. All topics may be found under “Call for Papers.” The abstract submission for presentations and may be submitted at <https://stle2020.abstractcentral.com> with the selection of “Contact Mechanics” topic.

For any questions regarding the Contact Mechanics session, please contact Morgan Jones at morjone@sandia.gov, Hamid Ghaednia at hghaednia@mgh.harvard.edu, or Kyle Schulze at kds0069@auburn.edu

All the Best,

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