



Contact Mechanics

Calls for Paper and Presentations

Dear Colleagues,

The Contact Mechanics Technical Committee is requesting papers for our inaugural contact mechanics session at the 73rd Annual STLE Meeting and Exhibition to be held May 20th - 24th in Minneapolis, Minnesota. This session will focus on the experimental and theoretical studies of materials in contact and the tribological ramifications.

Specific areas of interest for this session include, but are not limited to:

Biphasic interfaces

Characterization of Soft Materials

Elasto-plastic contact

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

Information regarding the 2018 Annual Meeting may be found at <http://www.stle.org/annualmeeting>. All topics may be found under "Call for Papers." The abstract submission deadline is October 1st 2017 for presentations and may be submitted at <https://stle2018.abstractcentral.com>. Any question related directly to the contact mechanics session may be directed to Kyle Schulze kyle.d.schulze@gmail.com or Matthew Blake brake@rice.edu.

With Regards,

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