

# Biotribology

## Call for Papers and Presentations

[stle.org/annualmeeting](http://stle.org/annualmeeting)



Dear Friends and Colleagues,

The Biotribology Technical Committee invites you and your colleagues to submit abstracts for the upcoming Biotribology sessions at the 75<sup>th</sup> Annual STLE Meeting and Exhibition at the Hyatt Regency Chicago in downtown Chicago, Illinois. *The session focuses on the tribology of biological systems and interfaces in the natural world.* Submissions may include experiments, simulation, and/or theory.

Presentations are normally 30 minutes, including Q&A. For the first time, we are also accepting a limited number of short (10 min. talk, 5 min. Q&A) presentations to encourage dissemination and discussion for early-stage research. Please email Angela Pitenis ([apitenis@ucsb.edu](mailto:apitenis@ucsb.edu)) with the subject line “2020 STLE Biotribology Mini-Presentation” and include your title, full author list & affiliations, abstract, short bio, and request to be considered for a short presentation.

Specific topics include, but are not limited to:

- Orthopedic interfaces: including natural and artificial joints
- Cardiovascular, ocular, or dental/oral tribology
- Natural and biological interfaces, such as plant surfaces or insect interfaces
- Biomimetic slip systems
- Haptics and human-environment interfaces, e.g., touching, grasping, walking

Submit your abstract here: <https://stle2020.abstractcentral.com/> ➔ select “Biotribology” as your topic.

Podium abstract deadline: **October 1<sup>st</sup>, 2019**

Poster abstract deadline: **March 15<sup>th</sup>, 2020**

We also have a special **joint session!** Please designate your abstract to this session, if appropriate, and see the calls for this special session at the abstract submission site.

- “Tribology of Biomaterials” = Materials Tribology + Biotribology

STLE also organizes discussion round table (DRT) events to facilitate open discussions on current questions and topics in Tribology. For more information and to apply as a host of a Tribology-related topic of your choice, please contact Dr. Hannes Grillenberger ([hannes.grillenberger@schaeffler.com](mailto:hannes.grillenberger@schaeffler.com)).

For all questions on the Biotribology session,  
please contact Angela Pitenis at [apitenis@ucsb.edu](mailto:apitenis@ucsb.edu)

Best Regards,

The STLE Biotribology Committee:

**Angela A. Pitenis**, Paper Solicitation Chair

**Alison C. Dunn**, Vice Paper Solicitation Chair &  
Biomaterials Joint Session Chair

**Brandon A. Krick**, Biomaterials Joint Session Chair

**Gagan Srivastava**, Committee Chair

**Dipankar Choudhury**, Committee  
Vice Chair