

STLE account with association for

Biotribology

Call for Papers and Presentations

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 76th Annual STLE Meeting and Exhibition at the Walt Disney World Swan and Dolphin in Orlando, Florida. *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) with the subject line “2021 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 these:

- 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://stle2022.abstractcentral.com/> ➔ select “Biotribology” as your topic.

Podium abstract deadline: **October 1st, 2021**

Poster abstract deadline: **March 15th, 2022**

We also have 2 special **joint sessions!** Please designate your abstract to these sessions, if appropriate, and see the calls for this special session at the abstract submission site.

- “Tribology of Biomaterials” = Materials Tribology + Biotribology
- “Biotribology at the Nanoscale” = Nanotribology + 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).

For all questions on the Biotribology session, please contact
Angela Pitenis at apitenis@ucsb.edu

Best Regards,

Angela A. Pitenis, Paper Solicitation Chair

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

Brandon A. Krick, Biomaterials Joint Session Chair

Arzu Colak, Biotribology and the Nanoscale Joint Session Chair

Gagan Srivastava, Committee Chair

Dipankar Choudhury, Committee Vice Chair