



stle Atlanta

79th Annual Meeting & Exhibition • May 18-22, 2025

Joint Session on Tribology of Biomaterials Call for Abstracts

Abstract submission deadline is Friday, October 4, 2024

Dear Friends and Colleagues,

The Biotribology and Materials Tribology Technical Committees invite you and your colleagues to submit abstracts for the upcoming sessions at the 79th Annual STLE Meeting and Exhibition at the Hyatt Regency Atlanta, Georgia (USA). *The session focuses on the tribology of biomaterials, either natural or synthetic.* Submissions may include experiments, simulation, and/or theory. Presentations will be either 40 minutes or 20 minutes, including Q&A. Authors will have the opportunity to request either a 40 minute or 20 minute time slot during abstract submission. Specific topics include, but are not limited to the following:

- Structure-property relationships of biocompatible materials used in various biological applications, including but not limited to:
 - Articulating joint biomaterials
 - Dental biomaterials
 - Ocular biomaterials
- Tribology of biomimicking synthetic surfaces
- Tribology of bio-hybrid materials and systems
- Relationships between the biological environment and the tribological behavior of biomaterials
- Simulations and modeling of biomaterials tribology at multiple length scales

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Submit your abstracts at <https://stle2025.abstractcentral.com/>