



Surface Engineering: Call for Abstracts

The Surface Engineering technical committee invites you to present your research on the Surface Engineering session to be held at the 81st Annual STLE Meeting and Exhibition at Hyatt Regency in Chicago, Illinois (USA). The session focuses on fundamental materials aspects of surface modification techniques, covering a multi-disciplinary range of topics encompassing the use of traditional and emerging materials and techniques. 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.

Surface Engineering topics include, but are not limited to:

- Structure–property–performance relationships of surface modification techniques in conventional and advanced manufacturing processes.
- Fundamentals and applications of surface metrology, including surface roughness, topography, and functional performance correlations.
- Tribological and corrosion performance of surfaces.
- Surface coatings that include hard, soft, multifunctional, and smart coatings, as well as emerging approaches beyond conventional systems.
- Additive, hybrid, and integrated manufacturing techniques to tune surface properties.
- Multiscale surface properties, from atomic to macroscopic levels, and their role in wear, friction, corrosion, fatigue, and other functional behaviors.
- Advanced surface characterization and Modeling.

For more information and to submit your abstract, visit www.stle.org/annualmeeting.