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**TMS 2020**

**149<sup>th</sup> Annual Meeting & Exhibition**

February 23-27, 2020 • San Diego, California, USA



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## **Biomaterials**

### **Recent Developments in Biological, Structural and Functional Thin Films and Coatings**

Functional thin films and coatings continue to be an innovative area in materials science & engineering. For example, novel thin films and coatings are being developed with unusual structural, abrasive, adaptive, bioactive, self-healing, and optical properties. The objective of this symposium is to provide a forum to identify critical problems, stimulate new ideas, provide promising solutions, as well as discuss fundamental and applied topics.

The specific areas of interest include but are not limited to:

- development of novel thin film and coating methods
- functional thin films and coatings for structural, biological, electrical, optical and other applications
- characterization of thin films and coatings for aerospace, defense, energy and transportation applications
- novel approaches to prevent corrosion and wear
- novel methods for self-healing, self-assembly, and self-repair
- innovative biosensors and bioelectronics
- bioenabled electronic and energy systems

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Abstract Deadline is July 1, 2019. Submit online at  
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**Questions?**  
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