

**JOIN US AT:**

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**TMS 2017**  
146<sup>th</sup> Annual Meeting & Exhibition



**February 26 – March 2, 2017**  
**San Diego, California, USA**

## **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 and 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, and provide promising solutions, as well as to discuss fundamental and applied topics.

Specific areas of interest include:

- 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

### **ORGANIZERS**

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TMS Thin Films and Interfaces Committee

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