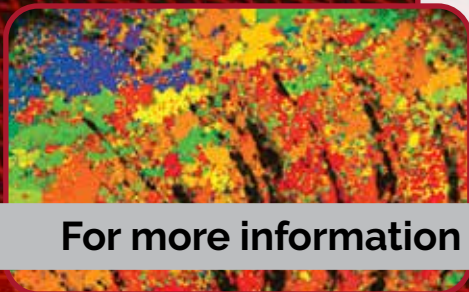
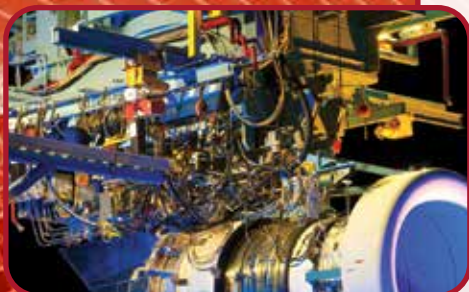
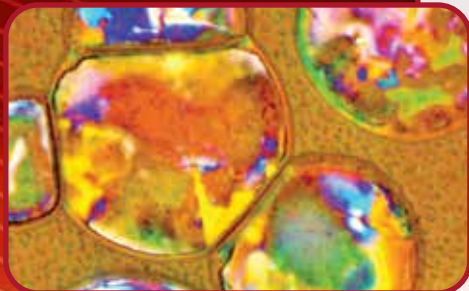


JOM Call for papers

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Surface Modification Effects on Biological Interactions and Biocompatibility

Biomaterials must have adapted, ideal properties to facilitate biointegration while minimizing negative effects such as inflammation, short- and long-term infections, and severe foreign body responses. Surface elaboration and modifications, including physical, chemical, and biological approaches for changing surface attributes for particular purposes, are effective. Biological reactions are directly affected by surface charges, wettability, composition, and roughness. In this special topic, the most recent surface modification advances in biomaterials to improve biological compatibility are introduced. This will focus on modifying physical surfaces including metals, ceramics, polymers, textiles, hydrogels, 3D-printed materials, and scaffolds.

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum.

Detailed author instructions are available at:
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Keywords for this topic: **Surface Modification and Coatings; Thin Films and Interfaces**

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