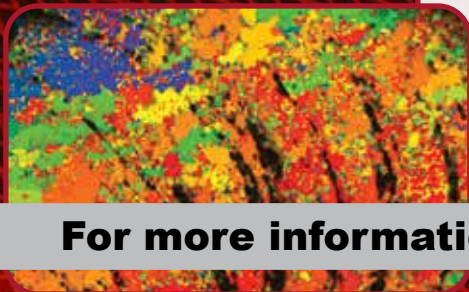
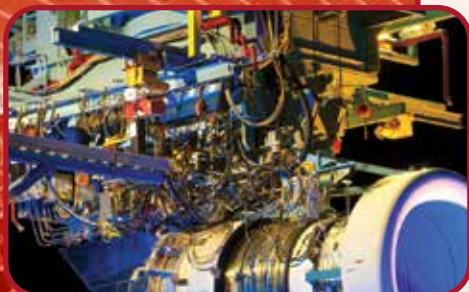
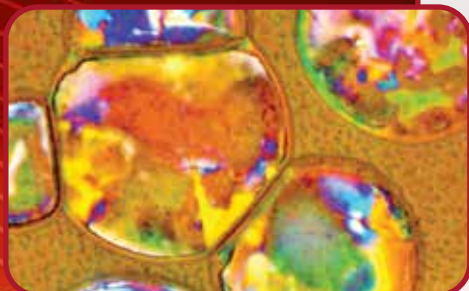


JOM Call for papers

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Leveraging Materials in Topology Optimization

Topology optimization is pushing the frontiers of material design by decoupling and independently optimizing material properties and functionality. Topology optimization offers a mathematical framework to determine the most efficient material layout for prescribed constraints and loading conditions. It offers a framework for accessing unexplored and previously unachievable areas of material-property space. This topic will feature several invited contributions from researchers and artists innovating methods and applications of design and topology optimization for materials.

Original research papers should be 3,000-6,000 words with up to 8 figures maximum; review papers should be 6,000-10,000 words with up to 15 figures maximum.

Detailed author instructions are available at:
<http://www.tms.org/AuthorTools/>

Keywords for this topic: **Additive Manufacturing; Advanced Materials; Computational Materials Science & Engineering; ICME; Modeling and Simulation; Topology Optimization; Architected Materials; Materials Design**

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