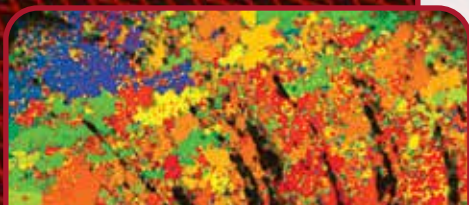
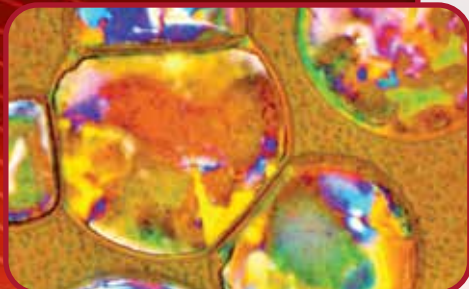


JOM Call for papers

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Full-Cycle Development of Nanomaterials-Based Functional Structures

Nanomaterials-based functional structures/devices have shown great promise in various application fields, including electronics, composites, energy, biomedical, among others. The large-scale integration of these structures/devices into everyday life will require full-cycle development covering a number of aspects along the development chain. This special topic aims to explore the state-of-the-art technologies that address at least one facet of nanomaterials-based functional devices, including but not limited to the following categories: scalable and sustainable synthesis, characterization technologies, novel property discoveries, assembly techniques, manufacturing technologies, novel applications of certain nanostructures, etc.

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:
<http://www.tms.org/AuthorTools/>

Keywords for this topic: *Advanced Materials; Characterization; Composites; Nanotechnology; Synthesis and Processing*

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