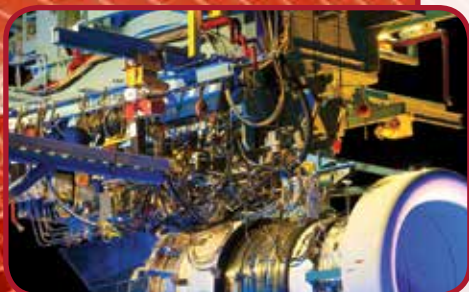
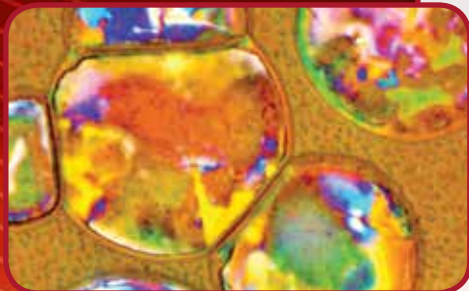


# JOM Call for papers

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**Manuscript Deadline:** *April 1, 2020*

## ***Materials Research in Reduced Gravity***

Reduced-gravity experiments can isolate phenomena otherwise obscured in ground-based experiments, leading to new discoveries that can improve materials and processes. Ground-based facilities for reduced-gravity experiments include drop tubes and towers that provide seconds of reduced gravity, aircraft that provide tens of seconds, and suborbital rockets that provide hundreds of seconds. Manuscripts are solicited in all areas of materials research employing reduced gravity, including crystal growth, containerless processing, materials processing and properties, and experimental facilities for materials research.

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:** **Advanced processing; molten metal and solidification; phase transformations; physical properties; microgravity**

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