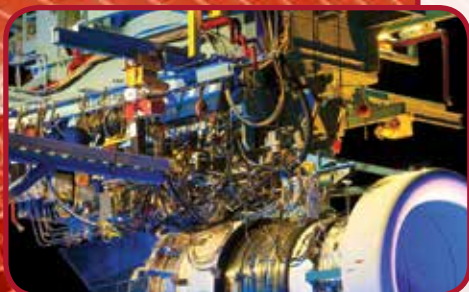
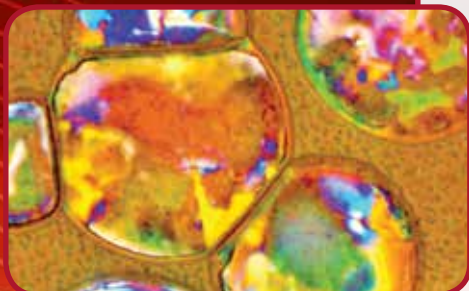


# JOM Call for papers

An official publication of The Minerals, Metals & Materials Society



**Publication Date:** *May 2020*

**Manuscript Deadline:** *December 1, 2019*

## ***In-Situ Characterization Techniques for Investigating Nuclear Materials***

In the last few years, in-situ characterization techniques have taken off as a way to directly observe the evolution and evaluate the damage in nuclear materials under pertinent reactor conditions. For this topic, we are soliciting papers on in-situ experimental techniques at all length scales probing mechanical, chemical, thermal, or electrical responses, as well as irradiation damage. Papers that include modeling and simulation are welcome, though computational-only papers will not be accepted.

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:** **Characterization; Environmental Effects; Experimental Methods; Mechanical Properties; Nuclear Materials**

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