

# JOM Call for papers

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**Manuscript Deadline:** *March 1, 2018*

**The Corrosion and Environmental Effects Committee is seeking papers on the topic of *Nuclear Materials, Oxidation, Supercritical CO<sub>2</sub>, and Corrosion Behavior***

High temperature structural materials are used in aircraft as well as nuclear and various industrial applications. Exposure to high temperatures and harsh environments can cause their degradation and subsequent failure of the component or system. This special topic seeks papers covering the effect of an alloy's composition on oxidation and/or corrosion; effect of different environments on materials performance; the presence of stresses under harsh environments; alloy protection using coatings; and further understanding on alloy oxidation and/or corrosion behavior.

Typical paper length is 5,000 to 6,500 words for review papers, and 2,400 to 4,000 words for original papers.

Detailed author instructions are available at:

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

**Keywords for this topic:**

**Advanced materials, characterization, environmental effects, environmental issues, high-temperature materials, mechanical properties, nuclear materials, surface modification and coatings**

**Guest Editor for this JOM topic is Kinga Unocic:**

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If you are interested in submitting a paper, upload your manuscript at

<https://www.editorialmanager.com/jomj/>

Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

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