



## Jeremy Busby Joins Editorial Team for *Metallurgical and Materials Transactions E*

Lynne Robinson

### TMS content update

Look for news and updates on TMS publications and online resources, as well as opportunities for editors and authors, in this regular *JOM* feature.



### Enhanced Landfill Mining Thematic Collection Call for Papers

*The Journal of Sustainable Metallurgy (JSM)* is now seeking manuscripts for a thematic collection on the topic of enhanced landfill mining for monolandfills containing mining waste and industrial residues. Peter Tom Jones and Koen Binnemans of KU Leuven in Belgium are serving as guest editors for these articles. Visit <https://www.editorialmanager.com/sume/default.aspx> to submit a paper. Authors should indicate this specific article collection in their cover letter and select "S.I: ELMF" in the article type dropdown menu. **The deadline for paper submissions is June 30, 2016.**

Jeremy Busby, division director, Materials Science and Technology



Jeremy Busby

Division, Oak Ridge National Laboratory (ORNL), began his term as editor of *Metallurgical and Materials Transactions E: Materials for Energy Systems (Met Trans E)* on March 1.

Launched in 2014 and building on the success and prestige of *Metallurgical and Materials Transactions A and B*, *Met Trans E* is a peer-reviewed journal providing a specific editorial focus on the science and technology of energy materials.

"I think that *Met Trans E* has a real opportunity to be a platform for integration across energy fields," said Busby. "There is considerable research all over the world for fossil fuels, nuclear, solar, wind, fusion, manufacturing and others. Many of those fields have their own specialty journals. What's missing in both the research and publications is a place for integration and cross-cutting ideas. *Met Trans E* fills that need very nicely."

Busby's own research interests have focused primarily on materials for nuclear energy. Prior to his current position at ORNL, Busby served as the group leader for both the ORNL Nuclear Fuels and Materials Group and the Light Water Reactor Sustainability Program from 2013 to 2015. He began his professional career as an assistant research scientist in Nuclear Engineering and Radiological Sciences at the University of Michigan, where he also received his Ph.D. in nuclear engineering. He has earned widespread recognition for

his work, including the Presidential Early Career Award for Science and Engineering (PECASE) in 2010.

Busby will be contributing his considerable expertise as a member of a multidisciplinary editorial team for *Met Trans E*. "It is a great pleasure to have Dr. Busby joining us as editor of *Metallurgical and Materials Transactions E*," said Victorino Franco, professor, Condensed Matter Physics Department, Sevilla University, Spain, and *Met Trans E* editor since May 2013. "His broad experience in research on materials for different types of nuclear reactors certainly complements the areas of expertise of the current group of editors. This will enable us to continue expanding the coverage of the journal to all aspects of the science of materials that are relevant for current and future energy technologies."

Busby agrees that *Met Trans E* has just begun to explore its potential as the destination for new research and thinking that address critical challenges to the energy industry within a broad, multi-disciplinary range of topics. "Providing a forum for cross-cutting research and ideas is an area that I believe *Met Trans E* must continue to advance," he said. "For instance, an issue exploring alloy development for all the different energy sources could be very powerful, not only for the reader, but also for research institutions and funding agencies to identify commonalities and opportunities. That's just one example. There are thousands and thousands of other possible areas to consider."

The *Metallurgical and Materials Transactions* family of publications is published jointly by TMS and ASM International. All *Met Trans E* published articles are available at [link.springer.com/journal/40553](http://link.springer.com/journal/40553).