Call for papers

An official publication of The Minerals, Metals & Materials Society



Publication Date: January 2021

Manuscript Deadline: August 1, 2020

Recent Advances in Functional Materials and 2D/3D Processing for Sensors and Electronic Applications

Additive manufacturing and direct-write printed electronics technologies employing metal, dielectric, polymer, and ceramic materials have the potential to enable new products and markets. This special topic will highlight emerging concepts for the processing of nanomaterials and custom 2D/3D structures. Invited and contributed papers will discuss advances in material synthesis and process technology. Topics related to functional materials, low-temperature processing, large area manufacturing, and electronic applications are within the scope of the focus issue.

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: Additive manufacturing; electronic materials; energy; printed electronics; flexible hybrid electronics

Guest Editor(s): Pooran Joshi, Nuggehalli M. Ravindra, Kostas Sierros, Tolga Aytug and Sufian Abedrabbo:

joshipc@ornl.gov; nmravindra@gmail.com; kostas.sierros@mail.wvu.edu; aytugt@ornl.gov; sxa0215@yahoo.com

Committee Sponsor(s): Thin Films and Interfaces

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.

For more information on JOM, please visit jom.tms.org