

# STAM-M Ongoing Focus Issue 2022-2023



## Focus Issue Title:

### Machine-learning assisted approaches for large scale simulations

## Aims & Scope:

Machine-learning assisted methods are promising for materials and device modeling based on large-scale simulations. The purpose of this focus issue is to share i) the basics of the machine-learning assisted approaches for large-scale simulations, ii) examples of their applications to materials, and iii) recent developments of the approaches, in the worldwide communities of materials and device designing.

**Guest Editors:** Prof. Satoshi Watanabe (University of Tokyo)  
Prof. Tomofumi Tada (Kyushu University)

**Submission deadline:** ~~The end of March 2023~~

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## Notes:

- (1). Please submit your manuscript at <https://www.tandfonline.com/journals/tstm20> and select “Go to submission site” → “Start New Submission” → “Focus Issue Review/Article” as *Type* and “Machine-learning assisted approaches for large scale simulations” as *Focus Issue*.
- (2). Accepted manuscripts will be published promptly without waiting for other manuscripts in this focused issue;  
**Publishing will be started from Feb. 2023.**

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**focused collection!**

***Postponed to the end of May 2023***