

## 2022 Workshop on Engineered Materials and Manufacturing for Sustainable Built Environment

**July 21 – 22, 2022**  
University at Buffalo

### About the Workshop

The purpose of this workshop is to review the advanced materials and manufacturing and explore how engineered living system could benefit sustainable built environment.

The workshop will focus on the following topics through presentations and small-group discussions:

1. **Advanced Materials**, biomineralized materials, extreme environment ceramics, engineered living materials
2. **Manufacturing and Characterization**, biomineralization, 3D printing, in-situ and operando characterization
3. **Outreach**, including training, workshops, and expanding access for under-represented groups and researchers

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