

**16<sup>th</sup> International Symposium on Functionally Graded Materials, Hartford, Connecticut, USA**  
**August 9-12, 2020**

Mini-symposium Title: **Design of Architected Materials, Metamaterials, and Programmable Structures**

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Description:

Objectives are to bring together researchers working on various aspects of design methods of architected materials, metamaterials, functionally graded structures, and systems.

An indicative list of topics is

- Novel Algorithms for Architected Materials.
- Bioinspired Design of Cellular Systems
- Lattice Architected Materials, Cellular Material Systems,
- New morphological control and size control techniques
- Topology Optimization-Based Design of Architected Materials
- Programmable and Bio-inspired Self Assembling Materials and Structures
- Metamaterials and Topologically Interlocked Materials