



**MATERIALS CAMP**<sup>®</sup>

ASM MATERIALS EDUCATION FOUNDATION

**CHiMaD**

Center for Hierarchical Materials Design



### What did you enjoy?

*"Great example of engineering and design"*

*"Hands-on activities in university labs"*

*"University experts leading all sessions"*

ASM Materials Camps provide practical ideas and strategies that are easy to implement in your classroom

#### Administrative Questions?

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# Calling All Teachers

ASM Specialty Materials Camp - Teachers

## Materials Genome

Massachusetts Institute of Technology

Cambridge, MA | July 24-28, 2023

**DESIGN AN ALLOY  
MAKE IT  
BREAK IT  
OBSERVE IT SELF-HEAL**

### Materials Genome Initiative: Vision

To accelerate the design of new materials by incorporating fundamental materials property databases and computational tools into the traditional engineering design process

### Teachers Camp

- + Learn about Integrated Computational Materials Engineering (ICME)
- + Learn to use free online tools for computational materials design: THERMO-CALC
- + Practice K-12 appropriate proof-of-concept experiments and materials design challenges
- + Prototype our high-school lab friendly FRANKENSTEEL self-healing composite

**APPLY ONLINE**

<https://www.eventbrite.com/e/asm-materials-camp-materials-genome-mit-july-24-28-tickets-519692533357>