

# Education Workshops: SMST SMA Workshop

MARCH 13, 2023 | FORT WORTH, TEXAS | HILTON FORT WORTH

Students can attend this full day (8:30a - 4:30p)  
class for \$50 (originally \$199)!

Registration link:

<https://www.asminternational.org/web/smst-event/registration>

## SMST SMA Workshop

Four educational lectures will be presented to focus on science, engineering and applications of Shape Memory Alloys

- **How Nitinol works:** Basic thermal and mechanical properties; defining shape memory and superelasticity; with ASTM Standards
- **Medical Applications of Nitinol:** Design, processing and properties to optimize in vivo performance of medical devices|
- **Shape Memory Actuators:** Designing “THE” Material: An overview of SMA actuator nomenclature, type of actuations and benefits, materials and properties selection, designing the actuator
- **Shape Memory Actuators:** Designing “WITH” the Material: Actuator integration, system level do’s and don’ts, standards and certifications, application examples

For event details, visit:

<https://www.asminternational.org/web/smst-event/education-workshop>

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