

AMS2021

Summer School
Advanced Material Systems:
Manufacturing • Characterization • Modeling

July 12-16, 2021
Online Event

Topics

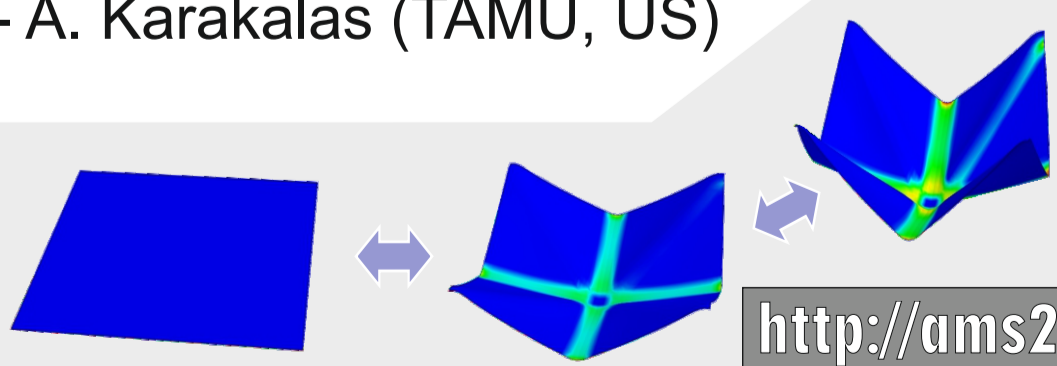
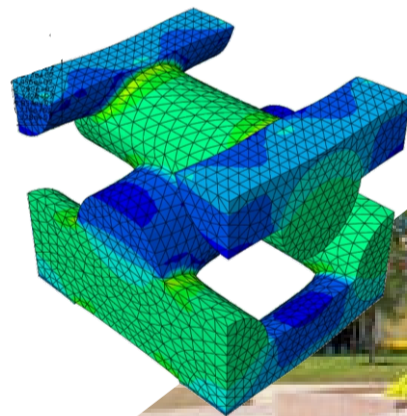
- Shape Memory Alloys (SMAs)
- Additive Manufacturing of Phase Transforming Materials
- Porous Materials
- Micromechanics of Ductile Failure
- Micromechanics of Multifunctional Composites
- Modeling and Macro-scale Fracture in SMAs
- Industrial Applications of Advanced Materials

Interactive

- Micromechanics & SMA Workshops
- Experimental measurement of effective properties
- Assignment and Presentation of Student Projects

Instructors

- N. Michailidis (AUTH, TEES) - Organizer
- D. Lagoudas (TAMU, US) - Organizer
- I. Karaman (TAMU, US)
- G. Chazigeorgiou (ENSAM, FR)
- G. Seidel (VTEC, US)
- J. Wilkerson (TAMU, US)
- T. Baxevanis (UH, US)
- C. Tegos (BETA CAE Systems)
- F. Stergioudi (AUTH, GR)
- K. Katakalos (AUTH, GR)
- A. Karakalas (TAMU, US)



<http://ams21.web.auth.gr>

Organizing Institutions



Participating Institutions

