



USACM News

December 2025

Seasons Greetings

USACM wishes everyone Happy Holidays and best wishes for the New Year.

WCCM-ECCOMAS 2026

[WCCM-ECCOMAS 2026](#) will be held in Munich, Germany on July 19-24, 2026.

[Abstract submission](#) is now open. Abstracts will be accepted until January 12, 2026.

USNC/TAM'26

The [20th U.S. National Congress of Theoretical and Applied Mechanics](#) will be held in Pasadena, California on June 21-25, 2026.

USNC/TAM'26 aims to foster and promote the exchange of ideas and information among the various disciplines of the theoretical and applied mechanics community around the world, and chart future priorities in mechanics related research, applications and education.

[Abstract Submissions](#) are now open with a deadline of January 15.

[Fellowship Applications](#) are now open with a deadline of March 6 at 5PM PST.

USACM Foundation

As the year draws to a close, don't forget to [donate to the USACM Foundation](#), a registered 501(c)(3) nonprofit.

Every dollar supports its mission to provide support for education, opportunities for research collaboration and promotion of computational mechanics within the United States.

TTA Corner

Energy & Earth Systems

- Our next webinar will take place on **January 27, 2026 at 8:00AM PST**. The speaker will be Stefan Henneking from The University of Texas at Austin.
Join via Zoom:
<https://us06web.zoom.us/j/89805920868?pwd=UaxOZeVHZAs9BeKkjqRWbNadZYCIzo.1>

Uncertainty Quantification and Probabilistic Modeling

- Our next webinar will take place on **January 8, 2026 at 3PM EST**. The speaker will be Thomas Swinburne from University of Michigan speaking on "The loss is not enough: efficient UQ for misspecified surrogate models with POPS".
Join via Zoom:

<https://us06web.zoom.us/j/92756548524?pwd=cTFoRXIvNVN4dVFoaHEzK0pQQjhldz09>

Student Chapter Corner

- Join the community online at the [USACM Student Chapter Discord Server](#).
- Our next webinar will take place on **December 22, 2025 at 11am PST**. The speaker will be Alex (Xiangyu) Sun from University of California, Irvine speaking on "Multi-material Multi-physics Topology Optimization with Physics-informed Gaussian Process Priors". We will also have a webinar on **January 9, 2026 at 11am CST**. The speaker will be Davoud Asadollahi from Iowa State University speaking on "Modeling interstitial transport and fluid flow induced by actuation-enabled implantable medical devices".
Join via Zoom:
<https://us06web.zoom.us/j/82464478256?pwd=ZMkJVfdjMJzadgnVWFpQsdUSs4qTaY.1>