



*USACM News*

**November 2024**

### **USACM Foundation Update**

Newly formed in early 2023, the mission of the USACM Foundation is to provide support for education, opportunities for research collaboration and promotion of Computational Mechanics within the United States. We invite you to check out the Foundation [website](#) which provides more information and an opportunity to donate.

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### **USNCCM18**

The [18th U.S. National Congress on Computational Mechanics](#) is scheduled to be held July 20-24, 2025 in Chicago, Illinois. We are looking forward to welcoming you then.

Short Course Proposal [submissions](#) are now open. The deadline is **November 30**.

Abstract Proposal [submissions](#) are now open. The deadline is **January 15**.

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## (USNC/TAM) - Call for Proposals to Host

The U.S. National Committee on Theoretical and Applied Mechanics (USNC/TAM) is soliciting proposals from institutions wishing to host the 2030 U.S. National Congress on Theoretical and Applied Mechanics. Every four years since 1950, the U.S. has hosted a National Congress on Theoretical and Applied Mechanics in order to foster and promote the exchange of ideas and information among the various disciplines within the mechanics community, and to chart future priorities in mechanics-related research, applications and education. The Congresses cover a broad range of topic areas in mechanics and are well attended by mechanics from both industry and academia.

The deadline for submissions is **March 20, 2025**. More information can be found [here](#).

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### TTA Corner

#### Energy & Earth Systems

- Our next webinar will take place on **December 17, 2024 at 8AM PT**. The speaker will be Prof. D. Todd Griffith from The University of Texas at Dallas speaking on "Multidisciplinary Challenges in the Design and Operation of Offshore Wind Energy Systems".

#### Join via Zoom:

<https://us06web.zoom.us/j/89805920868?pwd=UaxOZeVHZAs9BeKkjqRWbNadZYCIzo.1>

## Nanotechnology and Lower Scale Phenomena

- Our next webinar will take place on **November 27, 2024 at 2PM CST**. The speaker will be Prof. Gábor Csányi from University of Cambridge speaking on "Foundational models for materials chemistry"

### Join via Zoom:

<https://us06web.zoom.us/j/84541274013?pwd=ZDhuM09BaUIVVlBuREhEV0sweGFIZz0>

## Uncertainty Quantification and Probabilistic Modeling

- Our next webinar will take place on **December 5, 2024 at 3PM ET**. The speaker will be Chao Hu from University of Connecticut.

### Join via Zoom:

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

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## Student Chapter Corner

- The USACM Student Chapter is conducting elections for new leadership! Participating in the Student Chapter in Leadership positions is a fantastic opportunity to network with senior USACM members, organize activities at conferences, coordinate Local Student Chapters at universities across the US, polish your leadership skills, boost your professional profile, and much more. Leadership positions to be filled are Chair, Vice-Chair and 3 Members-at-Large. Eligible applicants include students enrolled in an institution of higher education in the United States.

More detailed information regarding the election process can be found [here](#).

The deadline to [apply](#) is **December 8**, decisions will be announced on **December 10**.

- Join the community online at the [USACM Student Chapter Discord Server](#)