



USACM News

July 2024

WCCM 2024

The [16th World Congress on Computational Mechanics \(WCCM2024\)](#) and [4th Pan American Congress on Computational Mechanics \(PANACM2024\)](#) will take place on July 21 – July 26, 2024 in Vancouver, BC, Canada.

Registration is still open. Information can be found at <https://www.wccm2024.org/fees>

The WCCM/PANACM Congress is co-organized by the International Association for Computational Mechanics (IACM) and the Canadian Association for Computational Science and Engineering (CACSE).

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.

We are now accepting proposals for minisymposia. The deadline for [proposal submission](#) is **October 15**.

USNC/TAM Virtual Thesis in Mechanics Competition

The U.S. National Committee for Theoretical and Applied Mechanics ([USNC/TAM](#)) is launching a 5-minute Virtual Thesis in Mechanics Competition for recent PhD graduates.

Eligibility: U.S. PhD graduates who defended their dissertation between July 20, 2023, and July 19, 2024, are eligible to apply.

Application and Submission Details:

- **Application Period:** July 19, 2024 (12 AM ET) - August 9, 2024 (12 AM ET)
- **Video Submission:** July 26, 2024 (12 AM ET) - August 16, 2024 (12 AM ET) or until 100 submissions are received.

For more details, please see the [attached flyer](#). *The competition and award ceremony will be broadcast live on **Friday, September 20, 3-5 PM (ET)***. A recording will be posted on the U.S. National Academies website.

Second Annual SciML Workshop

The [Second Annual SciML Workshop](#), organized by the SciML center, at the Oden Institute, the University of Texas at Austin, will be held from October 2-4, 2024.

You are invited to register and submit a talk or poster. While we aim to include all registered talks (25 minutes talk + 5 minutes for questions), the actual number of talks will be limited by the 3-day period.

TTA Corner

Data-Driven Modeling / Uncertainty Quantification and Probabilistic Modeling

- [Second USACM Thematic Conference on Uncertainty Quantification for Machine Learning Integrated Physics Modeling \(UQ-MLIP 2024\)](#) Crystal City, Arlington, Virginia, August 12-14, 2024.

Energy & Earth Systems

- Our next webinar **has been postponed**. The speaker will be Dr. Alejandro Mota from Sandia National Laboratories.

Join via Zoom:

<https://us06web.zoom.us/j/89805920868?pwd=UaxOZeVHZAs9BeKkjgRWbNadZYCIzo.1>

Isogeometric Analysis

- [IGA 2024](#), St. Augustine, Florida, October 27-30, 2024.
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Student Chapter Corner

- There will be a Student Meet and Greet at the WCCM-PANACM 2024 on Tuesday, July 23 from 6:30 to 8pm in Ballroom D on the main floor. All students are welcome to join.
- The USACM Student Chapter presents the **Computational Mechanics Student Mentorship Program (CMSMP)**, an initiative aimed at connecting aspiring students with seasoned mentors in the field of Computational Mechanics. As a mentee, you can gain invaluable insights into the world of Computational Mechanics, receive guidance on academic and career pathways, and unlock the potential for future collaborations. As a mentor, you can make a significant impact by sharing your knowledge, supporting aspiring students, and fostering professional relationships. Don't miss your chance to be part of this exciting journey! Whether you're a mentor or mentee, your involvement is invaluable. More details can be found in the [signup form](#). Join us today!!
- The Student Chapter is looking for volunteer applicants for leadership positions. If you are interested in organizing and facilitating the Student Chapter as an Executive Member, send us your resume with a brief statement of your background or any events and ideas you would like to organize to studentchapter@usacm.org.
- Join the community online at the [USACM Student Chapter Discord Server](#)