



USACM News

June 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**.

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).

Melosh Medal – Call for Papers

The [35th edition of the Robert J. Melosh Competition](#) for the best Ph.D. paper in Computational Mechanics will take place on October 14th 2024. Important dates are provided below, and further information can be found on the competition website (<https://cee.duke.edu/about/awards-honors/melosh-medal/call-for-papers>):

July 14: Deadline for extended abstract submissions

August 14 (tentative): Finalists notified of acceptance

October 14: Melosh Symposium at Duke University (on campus)

Best regards,

(Amir)Hossein Salahshoor & Johann Guilleminot & Guglielmo Scovazzi, Melosh committee

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 will be on **June 24 at 10am CST**. The speaker will be Dr. Alejandro Mota from Sandia National Laboratories.

Join via Zoom:

<https://us06web.zoom.us/j/89805920868?pwd=UaxOZeVHZAs9BeKkjqRWbNadZYCIZo.1>

Isogeometric Analysis

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

- 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](#)
- Our next seminar will be on **June 27 at 3pm EST**. The speaker will be Dr. Yakov Zelickman from Johns Hopkins University speaking on "Leveraging structural optimization for more efficient, sustainable and economical structures".
Join via
Zoom: <https://us06web.zoom.us/j/82464478256?pwd=ZMkJVfdjMjZadgnVWFPqsdUSs4qTaY.1>