



*USACM News*  
**March 2023**

**USNCCM17**

The [17<sup>th</sup> U.S. National Congress on Computational Mechanics](#) will be held July 23-27, 2023 in Albuquerque, New Mexico. We are looking forward to welcoming you then.

- Registration is now open. All presenting authors are required to register by **April 15**.
- The travel award application is now open and will close on **March 31**.
- The poster session submission is now open and will close on **April 1**.

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**USNCCM19 – Notification of Interest**

USACM announces a Notification of Interest (NOI) to host USNCCM19 in 2027.

The deadline to submit is **March 31**.

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## **MMLDE-CSET 2023**

The 2<sup>nd</sup> IACM Mechanistic Machine Learning and Digital Engineering for Computational Science Engineering and Technology (MMLDE-CSET) is now accepting abstracts. Submit your abstract by May 31. The conference will be held in El Paso, TX, September 24-27, 2023.

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### **TTA Corner**

#### Nanotechnology and Lower Scale Phenomena

The Workshop on Data-Driven and Computational Modeling of Materials Across Scales is now open for poster abstract submissions and registration. Abstract submission deadline is April 15; early registration ends April 20.

#### Uncertainty Quantification and Probabilistic Modeling

Our monthly webinar series continues with the below speakers:

- March 23, 2pm CST – Somdatta Goswami, Brown University speaking on “Integration of Numerical Modeling and Machine Learning in Mechanics”
- April 20, 2pm CDT – John D. Jakeman, Sandia National Laboratories speaking on “Recent Advances in Multi-Fidelity Uncertainty Quantification”

#### **Join via Zoom:**

<https://us06web.zoom.us/j/92756548524?pwd=cTFoRXIvNVN4dV FoaHEzK0pQQjhldz09>

(Meeting ID: 927 5654 8524/Passcode: 934745)

## Large Scale Structural Systems and Optimal Design

This month's early-career colloquium on April 5 at 1pm CDT features Prof. Ju Liu, Southern University of Science and Technology speaking on "Recent Advancements in Structure-Preserving Integration for Nonlinear and Inelastic Problems"

Registration for the colloquium is free but required.

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### **Student Chapter Corner**

We are excited to announce a series of student-centered events at the 17<sup>th</sup> U.S. National Congress on Computational Mechanics (USNCCM17) to make the most of your trip:

#### **Student Meet and Greet**

Come meet other students in the community! Exchange ideas and collaborate with colleagues who share your passion for computational mechanics. This is an excellent opportunity to connect with fellow students, network, and form lasting friendships. Sign up [here](#).

#### **Mentoring Event**

The Large-Scale TTA and Student Chapter are hosting a Graduate Mentoring Program. You will be matched with an experienced research mentor for a one-to-one meeting for valuable insights and advice to make informed decisions about your academic and professional journey. To sign up, fill out this [form](#) by March 17, 2023.

#### **Student Poster Competition**

Showcase your research and gain valuable feedback from experts in your field! Awards will be given for the best poster in each track. Sign up [here](#) before April 1, 2023.

**Career Panel**

Learn about career paths and get advice on achieving your goals! This event will host a distinguished panel of experts to advise you on career paths, job search strategies, skills, and experiences for success.

**Travel Awards**

Win a travel award to participate in USNCCM17. Apply [here](#) before March 31, 2023.

We hope that you will take advantage of these exciting opportunities. Feel free to share with other interested students and join the community online at the USACM Student Chapter Discord Server.