



USACM News
February 2023

USNCCM17

The [17th 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**.

USNCCM19 – Notification of Interest

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

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

New Conferences

A Workshop on Establishing Benchmarks for Data-Driven Modeling of Physical Systems will be held April 6-7 at the University of Southern California as the first thematic conference for the Data-Driven Modeling Technical Thrust Area.

Abstract submission and early registration deadlines are **today, February 15**.

Workshop on Data-Driven Computational Modeling Across Scales, May 10-12, 2023, University of Los Angeles sponsored by the TTA on Nanotechnology and Lower Scale Phenomena

TTA Corner

Uncertainty Quantification and Probabilistic Modeling

Our monthly webinar series will have two talks in March:

- March 8, 2pm CST – Bruno Sudret, ETH Zürich speaking on “Recent Developments on Surrogate Models for Stochastic Simulators”
- March 23, 2pm CDT – Somdatta Goswami, Brown University speaking on “Integration of Numerical Modeling and Machine Learning in Mechanics”

Join via Zoom:

<https://us06web.zoom.us/j/92756548524?pwd=cTFoRXIvNVVN4dVFoaHEzK0pQQjhldz09>

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

Large Scale Structural Systems and Optimal Design

This month's early-career colloquium on March 1 at 1pm CST features Prof. Subhayan De, Northern Arizona University speaking on "Design Optimization Under Uncertainty Using Stochastic Gradients"
Registration for the colloquium is free but required.

Student Chapter Corner

The USACM Student Chapter now has student leadership.
More details concerning the chapter are forthcoming.

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Stay tuned for information regarding the poster session for USNCCM17.