



*USACM News*

**July 2022**

### **Call for USNCCM17 Minisymposium Proposals**

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

We are now soliciting [minisymposium proposals](#) for the congress. While we welcome minisymposium proposals from all areas of computational mechanics, we have designated seven areas of emphasis for this congress. They are Honorary Minisymposia, Computational Biological Systems, Computational Fluid, Solid and Structural Mechanics, Data-driven Modeling & Uncertainty Quantification, Specialized Methods in Computational Mechanics, Advanced Manufacturing, Materials, and Multiscale Methods and Special Topics.

You may submit your proposal online; the deadline to receive the proposals is October 15, 2022. Please contact [admin@usacm.org](mailto:admin@usacm.org) if you have any questions.

Regards,  
USNCCM17 Organizers

---

## TTA Corner

According to the TTA Charter, each TTA is charged with the organization of at least one thematic conference in a two-year cycle. If you have an idea for a thematic conference, talk to your TTA leadership and fill out the thematic conference request form.

### Isogeometric Analysis

[IGA2022](#) will be held in Banff, Canada November 6-9, 2022.

Registration is now open.

More information can be found on the conference website.

### Large-Scale Structural System and Optimal Design

Following the success of the Large-Scale TTA Early-Career Colloquium in the spring semester 2022, we will continue with the colloquium in the fall semester 2022.

The colloquium will be held the first Wednesday of the month at 1pm CST. We will host three speakers (title and abstracts will be provided later on):

- October 5, 2022: Prof. Brendan Keith (Brown University)
- November 2, 2022: Prof. Hayoung Chung (Ulsan National Institute of Science and Technology)
- December 7, 2022: Prof. Xingsheng Sun (University of Kentucky)

Further details will be provided on the Large-Scale TTA webpage.

Registration is for the seminar series as a whole.

## Nanotechnology and Lower Scale Phenomena

Our next webinar will be July 27 from 2-3pm CDT. The speaker will be Prof. Michael Falk from Johns Hopkins University speaking on “Questing for Structural Predictors of Plastic and Failure Response in Glasses”.

Join via Zoom: (Meeting ID: 845 4127 4013/ Passcode: 799065)

## Novel Methods

The USACM Thematic Conference on Meshfree and Novel Finite Elements with Applications (MFEM) which was postponed due to the pandemic will be held September 25-27, 2022.

Registration is now open.

More information can be found on the conference website.

## Uncertainty Quantification and Probabilistic Modeling

[USACM Thematic Conference on Uncertainty Quantification for Machine Learning Integrated Physics Modeling \(MLIP\)](#) will be held in Crystal city, Arlington, Virginia, August 18-19, 2022.

Registration is now open.

More information can be found on the conference website.