



USACM News

September 2022

Call for USNCCM17 Minisymposium Proposals

The [17th 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. There will not be any extensions to this deadline.** Please contact 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

The first colloquium of the semester will be October 5 at 1pm CDT as we welcome Prof. Brendan Keith from Brown University.

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 September 28 from 2-3pm CDT. The speaker will be Prof. WaiChing Sun from Columbia speaking on “The Intersection of Machine Learning & Uncertainty Quantification in Physics-Based Modeling for Materials Systems”. The discussant will be Amartya Banerjee from University of California, Los Angeles.

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) will be held September 25-27, 2022.

Registration is now open.

More information can be found on the conference website.