



USACM News

May 2022

WCCM Registration Deadline Approaching

The early registration deadline for the virtual WCCM is **May 27**. If you are attending WCCM this summer and would like to receive the IACM affiliated member reduced registration fee, you will need to fill out a form with the USACM president's signature and USACM member number to authorize you to register with the reduced fee.

Please email Bethany Roicki at bethany@usacm.org if you need this form completed.

TTA Corner

Computational Fluid Dynamics and Fluid-Structure Interaction

Unfortunately, Prof. Suncica Canic needed to cancel her upcoming USACM Computational Fluid-Structure Interaction (CFSI) Seminar. We will be rescheduling Prof. Canic's to a later date. We plan to hold one more seminar before the summer really gets rolling; then we will be pausing the CFSI seminar until this fall. Stay tuned.

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 TTA will host a mentoring program for graduate students this summer. If you are interested in learning more, please email Pablo Seleson at selesonpd@ornl.com.

Career Panel at EMI 2022 – The TTA is jointly organizing with the EMI Computational Mechanics Committee a Career Panel at the Engineering Mechanics Institute Conference 2022 ([EMI 2022](#)). The event will feature panelists from the academia, national labs, and the industry, followed by a networking session. For further details click [here](#).

Nanotechnology and Lower Scale Phenomena

We are starting a webinar series and will have our first iteration on May 25 from 2-3pm CDT. The speaker will be Prof. Alejandro Strachan from Purdue University speaking on “Enhancing Physics-Based Modeling and Extracting Physical Insight from Data Using Machine Learning”.

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.

Abstract Submission is now open. The deadline for submission has been extended to **May 31**.

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.

Subscribe to USACM YouTube Channel

This is a reminder that USACM now has its own [YouTube Channel](#). All Plenary and Semi-Plenary talks from USNCCM16 have been posted. We encourage you to subscribe in order to get information on the latest videos uploaded. With 100 subscribers, USACM will be able to obtain a branded URL for the channel.