



*USACM News*

**October 2021**

**USACM Thematic Conference on the Role of Mathematical and Computational Modeling in Cancer Research**

The abstract submission deadline for the [USACM Thematic Conference on the Role of Mathematical and Computational Modeling in Cancer Research](#) is November 15. More information can be found on the conference website.

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**32<sup>nd</sup> Virtual Edition of the Annual Robert J. Melosh Competition at Duke University**

We are pleased to announce that the 2021 Melosh Competition for the best Ph.D. paper in Computational Mechanics will be held virtually over Zoom, on October 21 and 22. Read more for program and competition information, as well as Zoom link. [Click here to download the program.](#)

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**USNCCM16 Women's Networking Event**

The IACM-Female Research Chapter newsletter highlighting the USNCCM16's Women's Networking Event and award presentations is

available.

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## **TTA Corner**

### Uncertainty Quantification and Probabilistic Modeling

The USACM TTA on Uncertainty Quantification and Probabilistic Modeling monthly webinar continues on November 4 at 3pm EDT and will feature Catherine Gorié from Stanford University presenting “Uncertainty Quantification and Data Assimilation for Predictive Computational Wind Engineering”. Gianluca Iaccarino also from Stanford University will be the discussant.

**Join via Zoom** (Meeting ID: 927 5654 8524/Passcode: 934745)

### Computational Fluid Dynamics and Fluid-Structure Interaction

The USACM TTA on Computational Fluid Dynamics and Fluid-Structure Interaction continues its fall seminar series on November 4 at 1pm CDT welcoming Professor Marilyn Smith from Georgia Tech.

[REGISTER](#)

### Large-Scale Structural System and Optimal Design

The USACM TTA on Large Scale Structural Systems and Optimal Design (Large-Scale) hosted its first monthly early-career colloquium which happens on every first Wednesday of the month at 1PM CST in the fall semester.

The first speaker was Prof. Evgueni T. Filipov (University of Michigan). The talk can be accessed on the Large-Scale TTA webpage.

On November 3, Prof. Matthew J. Zahr (University of Notre Dame) will give his talk on “High-order and reduced-order methods for improved engineering analysis and design”.

[REGISTER](#)

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## **Subscribe to USACM YouTube Channel**

This is a reminder that USACM now has its own [YouTube Channel](#). We will post all Plenary and Semi-Plenary talks from USNCCM16 and will be adding more talks in the future. 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.