



USACM News

July 2026

WCCM-ECCOMAS 2026

The [17th World Congress on Computational Mechanics \(WCCM2026\)](#) and the [10th European Congress on Computational Mechanics in Applied Sciences and Engineering \(ECCOMAS2026\)](#) will take place on **July 19 - July 24, 2026** in **Munich, Germany**.

The WCCM/ECCOMAS Congress is co-organized by the International Association for Computational Mechanics (IACM) and the European Community on Computational Methods in Applied Sciences.

USNCCM19

The [19th U.S. National Congress on Computational Mechanics \(USNCCM19\)](#) is scheduled to be held **July 25-29, 2027** in **Pasadena, California**. We are looking forward to welcoming you then.

We are now accepting proposals for minisymposia. The deadline for [proposal submission](#) is **October 15**.

17th World Congress of Structural and Multidisciplinary Optimization (WCSMO-17)

The [17th World Congress of Structural and Multidisciplinary Optimization \(WCSMO-17\)](#) will take place on **May 16-21, 2027** in **Foz do Iguaçu, Brazil**.

WCSMO-17 will be chaired by Prof. Emilio C N Silva (University of São Paulo). Prof. Glaucio Paulino (Princeton) will serve as co-chair.

Abstract submissions will open on October 1, 2026.

USACM Continuing Education

For course information and registration details check out the [USACM website](#).

The Phase-Field Approach to Brittle Fracture: Theory and Numerical Implementation

- **Instructors:** Oscar Lopez-Pamies, University of Illinois Urbana-Champaign; John E. Dolbow; Duke University
- **When:** August 10 - August 13, 2026, 9:00am-11:00am EDT
- **Where:** Link sent out following registration
- **Cost:** \$300/non-students; \$50/students

TTA Corner

Quantum Computing

- [Quantum Computing-Enabled Engineering: PDEs, Mechanics, and Design Optimization \(QC2026\)](#) will be held in Nashville, Tennessee on August 6-7, 2026.

Uncertainty Quantification and Probabilistic Modeling

- Our next webinar will take place on **September 17, 2026 at 3:00PM EDT**. The speaker will be Shanyin Tong from University of Pennsylvania.

Join via Zoom:

<https://us06web.zoom.us/j/92756548524?pwd=cTFoRXIvNVN4dVFoaHEzK0pQQjhldz09>

Student Chapter Corner

- Join the community online at the [USACM Student Chapter Discord Server](#).
- Our next seminar will take place on **July 31, 2026 at 1:00PM CDT**. The speaker will be Enze Chen from University of Wisconsin–Madison speaking on "Physical mechanisms of blast-induced large deformations in brain-like soft matter". Following that, our next seminar will take place on **August 4, 2026 at 2:00PM EDT**. The speaker will be Teo Lara from Massachusetts Institute of Technology speaking on "Simulating Contact-Rich Fluid-Structure Interaction Problems".

Join via Zoom:

<https://us06web.zoom.us/j/82464478256?pwd=ZMkJVFdjMJzadgnVWFpQsdUSs4qTaY.1>