Dear Colleagues:

Engineering Mechanics Institute Conference(EMI2020) and Probalistic Mechanics and Reliability Conference(PMC2020) will be held at Columbia University in New York City, May 26-29, 2020 (**https://www.emi-conference.org/**). As a part of this conference, we are organizing a mini-symposium "**Computational Methods and Applications for Solid and Structural Mechanics",** to provide a forum for discussing novel computational methods and their applications that pertain to solids and structural mechanics problems. In particular, contributions on the following topics are of significant interest:

- Novel computational methods for contact, fracture, interface modeling and other important engineering problems.
- Application of deep learning in predicting the mechanical behavior of materials
- Multiscale modeling and methods for heterogeneous materials including composites, concrete, wood, and others.
- Novel discretization techniques for complex constitutive models and complex geometry
- Multiscale modeling and methods for structural mechanics problems.
- Computational methods for time dependent structural and material response (collapse, creep, fatigue, etc.).
- Modeling of multiphysics phenomena (e.g., coupling of mechanics with electromagnetic, chemical, or transport effects).
- Solution techniques, error estimation, algorithmic analysis and convergence studies in computational mechanics.

We cordially invite you to submit your abstract for this mini-symposium. Please note that the deadline for abstract submission is **Jan. 15th, 2020**. You can submit your abstract using the following link (our session is listed as symposium 251):
https://www.emi-conference.org/program/call-abstracts

We hope you can join us in the EMI conference and look forward to seeing you in New York.

Best wishes,

Soheil Soghrati, The Ohio State University
Tim Truster, University of Tennessee
Ravi Duddu, Vanderbilt University
Ertugrul Taciroglu, University of California – Los Angeles
Guglielmo Scovazzi, Duke University
Xiang Zhang, University of Wyoming