



Call for Abstracts

Track 12: Mechanics of Solids, Structures and Fluids

Topic 12-14: 3D Printed Soft Materials

Submit abstracts at: <https://event.asme.org/IMECE>

Submission of presentation only abstracts by: **July 09, 2021**

We would like to invite you to submit an abstract to the topic on 3D Printed Soft Materials at the 2021 ASME IMECE, which is to be held as an online virtual conference from November 1 to November 5, 2021.

Additive manufacturing, also known as 3D printing, offers unique opportunities to explore novel properties and mechanics of soft materials. This topic calls papers from research efforts related to soft materials with novel properties realized or created using 3D printing techniques. Specific areas of interest include, but are not limited to:

- Soft metamaterials with novel properties
- Printed active composites
- Novel printing technologies with new printable soft materials
- Design theory or methodology for soft materials that will be realized through 3D printing
- Mechanics of 3D printed materials
- Applications of printed soft materials

Should you have any questions, please feel free to contact us.
We look forward to receiving your contributions.

Topic Organizers

Kai Yu, Assistant Professor, University of Colorado Denver <kai.2.yu@ucdenver.edu>

Sung Hoon Kang, Assistant Professor, Johns Hopkins University <shkang@jhu.edu>

Howon Lee, Associate Professor, Seoul National University <howon.lee@snu.ac.kr>

Qiming Wang, Assistant Professor, University of Southern California <qimingw@usc.edu>

Jordan R. Raney, Assistant Professor, University of Pennsylvania <raney@seas.upenn.edu>

Sponsored by Soft Materials Technical Committee of Applied Mechanics Division