



**IMECE**

**International Mechanical Engineering  
Congress & Exposition®**

Calvin L. Rampton Salt Palace Convention Center, Salt Lake City, Utah

Conference: November 8 – 14, 2019

Exhibition: November 10 – 13, 2019

## **Call for Abstracts**

Track 11: Mechanics of Solids, Structures and Fluids

### **Topic 11-3: 3D Printed Soft Materials**

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

Abstract submission deadline: **June 22<sup>nd</sup>, 2019**

(Note: This topic accepts “presentation only” abstracts. No papers will be accepted.)

We would like to invite you to submit an abstract to the topic on 3D Printed Soft Materials at the ASME 2019 IMECE to be held from November 8 to November 14, 2019 at Salt Lake City, Utah.

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 and seeing you in Salt Lake City.

#### Topic Organizers

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

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

Howon Lee, Assistant Professor, Rutgers University <howon.lee@rutgers.edu>

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

*Sponsored by Soft Materials Technical Committee of Applied Mechanics Division*