

Call for Idea Presentations

NSF Workshop on Additive Manufacturing for Civil Infrastructure Design and Construction Arlington, VA; July 13-14, 2017

(This workshop is supported by NSF through Award 1713983)

Workshop Objectives

The workshop aims to provide an interaction venue for researchers from the communities of 3D printing, architecture, structural engineering, construction, and materials. The objectives include: (a) review of the state-of-the-art of 3D printing for civil infrastructure design and construction ; (b) examination of future prospects of 3D printing for civil infrastructure design and construction; (c) sharing of perspectives on 3D printing for civil infrastructure design and construction from federal agencies; (d) identification of gaps and challenges facing 3D printing for civil infrastructure design and construction; and (e) formulation of recommendations for research initiatives.

Workshop Format

The workshop will have three types of activities spread over one and a half days:

- (1) Invited talks (each 20 minutes long including Q&As) given by experts who will present inspiring examples of 3D printing in various applications of civil infrastructure design and construction; by individuals from federal agencies who will talk about their agency's perspectives on 3D printing for civil infrastructure design and construction; and by international guests who will present activities related to 3D printing for civil infrastructure design and construction) in their countries.
- (2) Panel discussions (each 30 minutes long) involving 3 to 4 panelists.
- (3) Idea presentations (each 7 minutes long) given by participants who have ideas about potential 3D printing's applications in civil infrastructure design and construction.

Submission of Idea Presentations

If you have ideas about potential 3D printing's applications in civil infrastructure design and construction, and would like to be a speaker at the Idea Presentation session of the workshop, please email a one-page abstract to Stephanie Paal (spaal@civil.tamu.edu) by **May 15, 2017**.

Selection of Idea Presentations

The workshop organizing committee will work with the workshop steering committee to make the selection. Up to 10 speakers will be notified by May 30, 2017.

Travel Support for Selected Speakers for Idea Presentations

The workshop will cover selected speakers' transportation and lodging expenses related to the workshop. Details will be sent to selected speakers.

Questions

Please contact the workshop organizing committee members with questions.

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