Application of AM in Construction on Earth and Beyond

Additive Manufacturing in Construction has made the headlines in many news channels, both AM specific and mainstream, with different governments putting resources into R&D with the objective to improve efficiency through reduced manpower, cost, and lead time. Besides revolutionizing how structures are built on earth, as humanity once again looks to the stars, many also see AM as ideally suited for construction on the Moon and Mars. This symposium aims to explore the current state of the art in development of AM techniques for construction across the globe with a focus on what is realistic now and what is a future possibility.

The following specific topics are of interest to this symposium:
- New materials development for additive manufacturing construction
- Developing new test methods, or leveraging existing methods, to demonstrate building code compliance
- Types of AM technologies applicable for deployment in both prefabricated and on-site construction environments
- AM construction beyond Earth

Symposium Organizers
- Giada Gasparini, University of Bologna, Italy
- Michael Fiske, NASA, USA
- Ali Kazemian, LSU, USA
- Timothy Wangler, ETH Zürich, Switzerland

Call for abstracts is open!
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