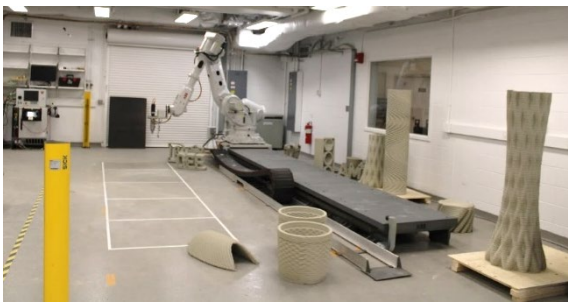
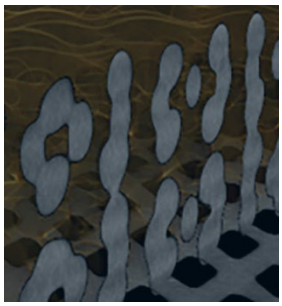
Architected Materials and Additive Manufacturing (AM^2) Lab
Department of Civil and Environmental Engineering (CEE)

Moini Lab
PRINCETON UNIVERSITY

AM^2 Lab is seeking motivated candidates for several Ph.D. positions starting Fall 2023. We seek candidates with M.Sc. degrees in civil, material science, and mechanical engineering with an interest and background in the following areas:

- **Engineered Architecture and Bio-inspired Infrastructure Materials**
- **Fracture Mechanics of Brittle Materials**
- **Additive and Robotic manufacturing Processes** (Concrete 3D-printing)


Additional Information: Background in experimental, analytical, computational modeling, cement and concrete, and automated control systems and extrusion processes, is a plus. Candidates with master's degrees and candidates from **diverse** backgrounds are encouraged to apply.

The admitted students will work within Moini's research group and will have the opportunity to work in the state-of-the-art materials and additive manufacturing laboratories a in a supportive and inclusive interdisciplinary research environment. Please visit Moini.Princeton.edu for further information about the group research.

How to Proceed? Please email reza.moini@princeton.edu and provide the following three documents in a single pdf long prior to the application deadline (Jan. 03rd). Please title your email "**Ph.D.**".

- **1-page Cover letter** describing your research experience and interest in the AM^2 lab.
- **CV** (including list of publications, academic/professional backgrounds, GPA, TOEFL scores).
- **Contact** names and information of 3 references.

Selected candidates will be contacted and encouraged to submit a formal Ph.D. application in the Department of Civil and Environmental Engineering **(CEE)** to graduate school.

Graduate School requirements and deadlines
Please visit the following Graduate School link for info on requirements and deadline. All the graduate school and graduate program requirements must be met. **Encouragement to apply does not guarantee admission**: https://gradschool.princeton.edu/academics/fields-study/civil-and-environmental-engineering