Job posting

Type of position
☑ scientific
☐ administrative

Target group
☑ graduates
☐ post docs
☐ other

Title
Doctoral Researcher (f/m/d): "3D printing and DNA origami for synthetic cells", Cluster of Excellence 3D Matter Made to Order

Institution
Cluster of Excellence 3D Matter Made to Order (3DMM2O), Heidelberg University

Position
Supervised by Dr. Kerstin Göpfrich

The Cluster of Excellence 3D Matter Made to Order (3DMM2O) combines the competencies of two Universities of Excellence to advance 3D Additive Manufacturing to the next level. The goal is to break current barriers of scale, precision and speed to unleash the true potential of the technology.

The Carl Zeiss Foundation funds a scholarship program, supporting doctoral researchers during the preparation of their thesis.

The scholarship provides funding for 3 years to national and international students to cover maintenance and additional funding for research travel expenses and research materials. The current rate is 17,616,00€ / annum.

Responsibilities

Requirements
- Master's degree in physics, biophysics, chemistry, chemical engineering or a similar subject
- Ideally experience in DNA origami, 2-photon polymerization and 3D printing
- Interest in microfluidics, protein biochemistry and bottom-up synthetic biology
- Fluency in English in word and writing

Qualified women are strongly encouraged to apply. Disabled persons with equivalent aptitude will be favored.
Please go to our application portal:
https://functionalmaterials.applicationportal.org/home.html

The application period is open until position is filled. We will start reviewing applications immediately.

For further questions about the project you can contact Dr. Kerstin Göpfrich (kerstin.goepfrich@mr.mpg.de)