

This position is funded by the
Carl Zeiss Foundation



3D printing and DNA origami for synthetic cells

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.

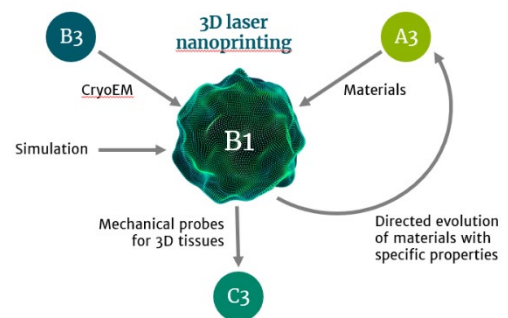
The Carl Zeiss Foundation funds a [scholarship program](#), supporting doctoral researchers during the preparation of their thesis.

Funding

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.

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.

For further **questions** about the project you can contact: kerstin.goepfrich@mr.mpg.de

Please go to our application portal: <https://functionalmaterials.applicationportal.org/home.html>

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