

## 3D Materials & Applications

Source: Pascal Kiefer,  
V. Hahn et al., Adv. Funct. Mater. 26, 2070166 (2020)

**Date: August 27th – September 1st, 2023**

**Location: Schwarzwald hotel "Zuflucht"**

### What you'll get:

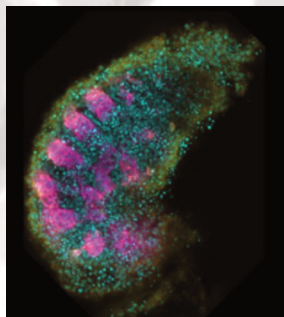
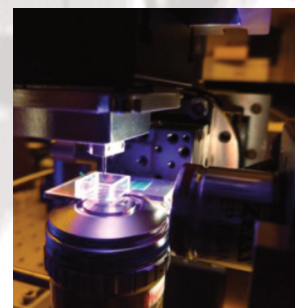
- Attend daily lectures and workshops led by leading researchers in the fields of 3D materials and applications
- Engage in stimulating discussions with other students and professors on a wide range of topics
- Enjoy an all-expense paid stay at the beautiful Schwarzwald hotel "Zuflucht"

### Application Requirements:

- A letter of motivation explaining why you're interested in attending the academy (1 page)
- Your CV and current transcript of records
- A letter of recommendation from your supervisors (optional)

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## Attend workshops hosted by our PIs

### Workshop 1: Contractility of biological cells and active materials

Hosted by:



**Prof. Dr. Martin  
Bastmeyer**  
Karlsruhe Institute of  
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**Prof. Dr. Ulrich  
Schwarz**  
Heidelberg University

### Workshop 2: Design and dissection of cell-material interactions in 3D

Hosted by:



**Prof. Dr.  
Pavel Levkin**  
Karlsruhe  
Institute of  
Technology



**Prof. Dr.  
Christine  
Selhuber-Unkel**  
Heidelberg  
University



**Dr. Venera  
Weinhardt**  
Heidelberg  
University

### Workshop 3: Printable circuits and devices for bioelectronics

Hosted by:



**Prof. Dr. Jasmin  
Aghassi-Hagmann**  
Karlsruhe Institute of  
Technology



**Prof. Dr. Jana  
Zaumseil**  
Heidelberg University

### Workshop 4: Light, microscopy and spectroscopy

Hosted by:



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**Prof. Dr. Petra  
Tegeder**  
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