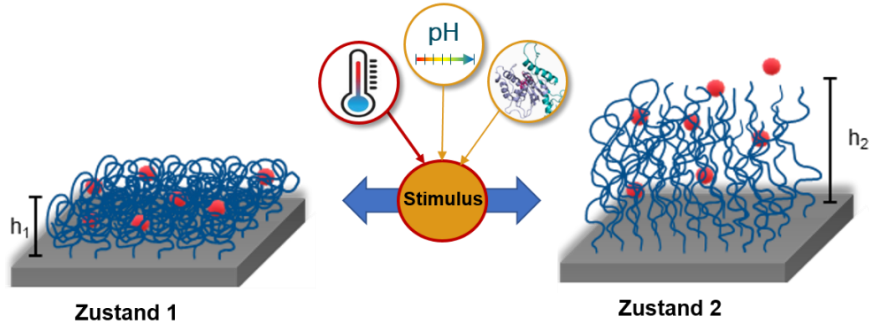


Polymer brushes as intelligent surface coatings



What we do

- Synthesis of customized polymers
- Preparation of nanoscopic polymer brushes
- In situ characterization of the brush properties
- Investigation of (thermo)responsiveness

We are looking for Bachelor students

who are interested in the **development** and investigation of novel **switchable polymer brushes**, their **synthesis** and **characterization**.

Switchable polymer structures for creating customized surface properties for

- **functional coatings** (anti-ice, anti-fouling, easy-to-clean, anti-fog)
- **(Thermo)responsive surfaces**



We look forward to your response!

Dr. Petra Uhlmann / Dr. Alexander Münch
uhlmann@ipfdd.de / muench@ipfdd.de

