

## Teaching portfolio

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## Teaching philosophy

On the one hand, I believe “active teaching”, in which students are motivated to learn new knowledge by inspiring their interest. Without interest, students cannot become deep learning. To motivate them, I always connect theory and knowledge with the real examples that are widely used in our daily life, industry, and society. This, I believe, can give them a real touch during learning. On the other hand, I also believe the “practical teaching”. This means that students should always have hand-on experience in the knowledge that has been taught in lectures. To offer “practical teaching”, I would like to design the practical course connected to lectures.

## Teaching experience

2018 – present: Supramolecular Chemistry and Nanochemistry – KE805 (5 ECTS, SDU, Denmark)  
2019 – present: Green Chemistry – KE543 (5 ECTS, SDU, Denmark)  
2009 – 2011: Enzyme Technology – practical course (TU Berlin, Germany)  
2015 – 2018: Enzyme Technology – practical course (TU Dresden, Germany)

## Teaching language

English

## Teaching methods

My teaching methods exactly follow my teaching philosophy. I use diverse methods to achieve active and practical teaching. For example, in my lecture, I not only use presentation to introduce basic knowledge and theory but also show videos and examples, in which the knowledge has been applied in the real world. Besides, to individual students, I showcase the knowledge that can be applied in their own fields. Moreover, I also invite guest lectures from my industrial partners from, e.g., Novozymes A/S, to demonstrate how learning in class can change the real world.

## Supervisions

I have supervised students/coworkers with different backgrounds, ranging from Bachelor to Master, PhD, and Postdoc. My experience is that motivation and patience are the best tools to generate results. Of course, I would like to promptly communicate our academic excellence with the rest of world by publication where the students/coworkers are co-authors.

## Educational development and educational research

I am taking part in the lecturer training program at SDU as a formal education.