

## **Course analysis SK2900 Quantum Photonics VT2021 (period 4)**

Val Zwiller and Stephan Steinhauer, June 18<sup>th</sup>, 2021

Course responsible: Val Zwiller

Examiner: Val Zwiller

Teachers: Val Zwiller and Stephan Steinhauer

Val Zwiller: 10 lectures

Stephan Steinhauer: 3 lectures

This year 17 students were registered for the course. Experimental work in the lab was done by groups of 2 students. The lectures were given online via Zoom and included student presentations of relevant literature articles. Lecture notes were prepared and handed to the students after each lecture. As of today, 14 students have completed the course while 3 students have not yet turned in their lab reports.

Changes with respect to VT2020:

- Stephan Steinhauer joined the course.
- The labs were again offered to the students with on-campus experimental work, in groups of 2.

We asked the students to participate in the course evaluation, for which we used LEQ with 22 questions. 5 out of 17 students gave feedback. From the answers, we notice that:

- The students who filled in the questionnaire spent on average 9 hours per week on the course.
- Found that they worked with interesting issues.
- Found the course to be challenging in a stimulating way.
- Found they could learn by collaborating and discussing with others.
- Found they could get support if needed.
- Positive atmosphere within the course was highlighted by the students.

The students are generally satisfied with the course. One student asked for the paper discussion to be more structured. Further suggestions were made how to promote student participation and discussion even more. We are satisfied with this feedback and will further improve our lecture notes next year.

The following changes will be made for the next course round:

Structure the article discussion and add a lecture on quantum photonics and biology as well as one on quantum imaging.