

## Course analysis for "Photon and Neutron production, MAXC11" HT 2020

### Produktion av fotoner och neutroner för vetenskap EXTF90

**Course responsible:** Francesca Curbis

**Other teachers:** Sverker Werin, Mihai Pop

**Number of students registered:** 12

**Course representative:** Hristiana Ivanova

**Grades:** U - 0, G - 5, VG - 7.

#### Analysis

##### I. Summary of the course evaluations

Total number of responses: 11

*Short summary of the results:* The students were generally very satisfied with the course. Many wrote they got a lot of information about accelerators and neutron related stuff. The students appreciated the exercise sessions and the lectures, although due to the pandemic sometimes they had to be performed over Zoom. Unfortunately this year the course lack the locations (MAX IV and ESS) and the visit to the accelerators at MAX IV which are key features of the course. The students liked the project, with the presentations. Having different teachers can be seen as an advantage or a disadvantage. Since a few years we are working about making the lectures more homogeneous and avoid overlap.

##### II. Comments and reflections from the teachers

Considering the pandemic and the consequent limitations, the course went exceptionally well. The literature is still an open point: students would like a book for the entire course but obviously such compendium does not exist. With the help of the guest lecturers general articles for the neutron part could be found or the slides could be upgraded to a self-explanatory level.

The course responsible will add more reminders about tasks and deadlines. The communication, also using the tools in Canvas, can be improved and the course responsible will put extra effort in making communication online easier in case it will be still necessary next autumn.

##### III. Evaluation of changes since last time the course was given

With respect to last year, one guest teacher changed, and his lecture was also very appreciated. He is also willing to continue next year, so there will be continuity.

Some feedback was given on the reports before the presentations and this gave the opportunity to the students to fine-tune the topic and, in some cases, correct some mistakes/misunderstandings.

#### **IV. Suggestions for modifications and measures until the next time the course is given**

The students this year gave very constructive feedback and there will be actions regarding:

- Improving the Literature/improve the slides;
- Continue working on instructions and explanations or various tasks;
- Continue working on coordinating the lectures and the lecturers.

It should be noted that “by design” this course has guest teachers because the goal is to get the most up-to-date knowledge from researchers. Nevertheless we will also consider the suggestion to reduce external teachers and maybe have a couple of general lectures more with the course responsible.

2020-11-16, this course analysis has been put together by Francesca Curbis.

*The course analysis is sent by e-mail to the director of studies: [jan.knudsen@sljus.lu.se](mailto:jan.knudsen@sljus.lu.se)*