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Sammanställning för "Molekulär kvantmekanik" (KEMM28) VT 2019

Kursansvarig: Valera Veryazov

Övriga lärare: Joel Creutzberg, Octav Caldararu

Antal studenter: 8 registrerade studenter (7 deltog i kursen)

Betyg: 6 st G, 1 st VG

Utvärdering

I. Sammanfattning av kursvärderingen

Totalt antal svar: 4

Kort sammanfattning av resultatet:

Comments are mostly positive for all components (lectures, seminars, labs): students like the extensive power point slides and small quizzes during the lectures, the seminars had detailed and clear answers, the labs were well documented and helpful.

From the negative side it was mentioned that the amount of material is too large for the given time. It was suggested to go through more details rather than making an overview of a topic. It was also suggested to have labs earlier in the course in order to see the practical use of the theory. The seminars got a large variety of opinions from: it was too hard to it was too obvious, which suggested that the group was very diverse.

It were also several complains about technical setup for the labs: the requirement to use wired connection, slow response of server.

II. Lärarlagets kommentarer

Teachers agree with the evaluation. The diversity of the preliminary knowledge (especially for the first part of the course – quantum mechanics) of students obviously creates variation in the opinion about the lectures and seminars. An interesting suggestion is to move the labs to an earlier part of the course. It was also suggested to add more time for specific lectures (e.g. computational chemistry).

The complains about hardware/software used in the labs are important but beyond the reach: the secure connection to the server can be only provided via a wired connection, e.g. from computers in our computer classes. The slow



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operations are related to the fact that quantum chemistry is a very time consuming subject.

III. Utvärdering av förändringar sedan förra kursen

We constantly improving the slides and other materials, as it was suggested previously, but the process is the on going development. We plan to improve the schedule system for job submission during the labs.

IV. Förslag till förändringar till nästa kurs

Exercises, especially for the last part of the course will be revised and improved. We plan to introduced a suggested list for the projects.

2020-05-13, sammanställning är gjord av: Valera Veryazov, Joel Creitzberg, Octav Caldararu.

Sammanställningen mailas till utbildningsadministratör Annelie Raimer:

annelie.raimer@kc.lu.se