



**CHALMERS**

## Course board meeting: Minutes

<i>Course name:</i>	Non-equilibrium Processes in Physics, Chemistry and Biology	<i>Programme owning the course:</i>	Complex Adaptive Systems
<i>Course code:</i>	TIF106		
<i>Academic year:</i>	2019/2020	<i>Department instructing the course:</i>	Department of Physics
<i>Study period:</i>	LP4		

*Meeting participants:* Tomas Löfwander, Course supervisor  
Ingrid Strandberg, Teacher assistant  
Bengt-Erik Mellander, Director of Studies  
Arvid Wenzel Wartenberg, student representative  
Kirill Danilov, student representative

*Date:* 2020-10-19

### *Summary*

The overall impressions for the course were very good, but more could've been covered in the quantum level of the course. A discussion was conducted regarding the workload. A consensus wasn't really reached regarding the expected difficulty for the course.

A discussion was held about the assessment fluctuation of the oral exam. It was decided that the assessment is not too harsh, and that the derivation questions would remain on future exams.

It was recommended that this course and the Statistical physics course discuss their curricula.

### *Prerequisites and learning outcomes*

A complaint was made that partial differential equations were required to learn the course. The complaint for the prerequisite of PDE was disregarded because the explicit PDE course is not necessary to follow the material.

### *Learning, examination and course administration*

No complaints were made regarding the learning outcomes.

A complaint was made regarding the redundancy of the lectures over the lecture notes.

A different complaint was made that the lecture notes were too concise and a true course book would have been preferred.

A complaint was made that problems were discussed too qualitatively compared to a more quantitative approach of worked-out solutions.

A complaint was made on the strictness of the assessment and that the exam did not fully concern with the physical context as much as mathematics.

A complaint was made that the lectures were too general, examples too simple, and the workload too high (compared to what?) and the deadlines too strict (they weren't).

Notifications to Canvas page changes were not given.

The complaint for the course literature was disregarded on the basis that there was enough literature suggested.

The complaint for the examples was disregarded on the basis that full coverage of examples would be boring.

### *Work climate*

Work climate was through Zoom so it was of course subpar.

However no complaints were made.

Not being allowed to meet in person is prohibitive for cooperation between students.

Piazza was not an effective tool for communication due to the low numbers of students.

### *To keep for next course round*

It was deemed that nothing could be omitted from the current syllabus.

### *Suggested changes*

Consultation hours were suggested.

Place more emphasis on cooperation somehow.

It was recommended that there is a discussion between the CAS and Physics programmes regarding the distribution workload between their curriculums.

Force mandatory questions and answers on Piazza.