

MARKUS

Hello, everybody. So this set of slides is on the organization of this course. It's part of the syllabus. I'll explain how the course is structured, how you participate, how you'll be graded, and I'll give you some details and where to find proper pointers.

KLUTE:

To get started, this class will be taught in an inverted classroom or flipped classroom setting, and it's going to be online-only so we will not have in-person opportunities to discuss. There's a second video where I'll just briefly talk about the strategy of the inverted classroom and the benefits. What you are typically used for as lectures is organized solely in short videos where I discuss concepts or methods. The videos also include a few short questions for your own self-evaluation, and we'll pick up those questions and later in recitation session. So when you meet Tuesdays and Thursdays we'll have time to answer your questions. We'll have time to go through those [INAUDIBLE] and hopefully have a good discussion.

The recitations are also used for another concept, which I'll explain on a later slide, which is your presentation of a specific paper. This is part of your homework set is to find a paper to discuss with me whether or not it fits into this class schedule, and together with a partner, have a short discussion of it. So we'll use these Tuesday and Thursday sessions for this purpose.

And in addition, there's going to be an office hour on Friday. It's one hour where I'm just going to be connected to a Zoom meeting. You can log in at any time and we'll discuss whatever you want to talk about. For that let's contribute to the Doodle poll, which I posed during the first [INAUDIBLE] time of the first class, and then we'll find the best possible time for everybody involved.

The course evaluation or your evaluation in this course will be made up 50% out of homework. So it's going to be six PSets are going to be posted. One will be forgiven so I'll basically count five PSets, and each will allow you to accumulate 8 points. The paper presentation I was talking about will have 20 points. We're talking about a 20-minute presentation of a paper. It's really a summary of a paper of your choice together with 10 minutes of Q&A. Again, this is being done in two groups so you have to split up the aspect of presenting-- preparing and presenting, and then also when it comes to the response and the questions.

And then there's going to be two short oral exams. This is 20 minutes, so the actual exam is only going to be 15 minutes, with the teaching staff, so this is Justin and myself where we ask you a couple of questions and just make sure that you are on top of the content we discussed in the weeks prior. So there is two. The first one deals with the particle physics content, and the second one with the nuclear physics and experimental method as well.

The grading scheme will not be worse than what I've given you here. The great divide-- the great divide or the grade divide-- at 85% between A and B, 70% between B and C, 60% between C and D, and below 50% earns you an F. I don't think anybody can get into this environment as long as they participate.