

## Mechanical Vibrations : Organisation of oral examination

### Prof. Wout Weijtjens

For the first part of the examination you will be asked 3 questions without preparation that cover the entire course. When you arrive in the examination room, Prof. Weijtjens will randomly give you 3 questions. Each question will be presented individually, using a slide, and you will respond verbally to it without dedicated preparation. Answers will be graded on a scale of 0 to 5, rewarding brevity and on-point answers.

As the oral examination itself will only take **15 minutes** the questions are suitable for answering without preparation. You will not be asked to write down equations, perform derivations or write proofs.

A list of example questions and a list of all topics covered this year will be provided to you before the start of the winter break.

### Prof Arnaud Deraemaeker

For the oral examination, you will need to

- **Prepare a 10 min presentation** (10 slides max), which you need to submit by email ([Arnaud.Deraemaeker@ulb.be](mailto:Arnaud.Deraemaeker@ulb.be)) before the deadline of January 12, midnight. Please name your file according to the following standard:  
LastName\_FirstName\_MV2025.ppt (.pdf, ...), for example  
Deraemaeker\_Arnaud\_MV2025.pptx.
- It will be followed by **5 min of questions** (15 min oral examination). There is no need to reexplain what the project is about in the slides, you should only present the answers to the questions. You will not be allowed to modify your presentation after the deadline, and must present orally what you have submitted (the presentation will be projected on a large screen, not on your own laptop or tablet)
- **Submit your jupyter notebook** with the answers to the different questions (also deadline January 12, midnight). The professor might ask you questions about your code and the notebook must work and produce the same results as the ones you put in your presentation.