



**Universität Stuttgart**

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# **Integrated Positioning and Navigation**

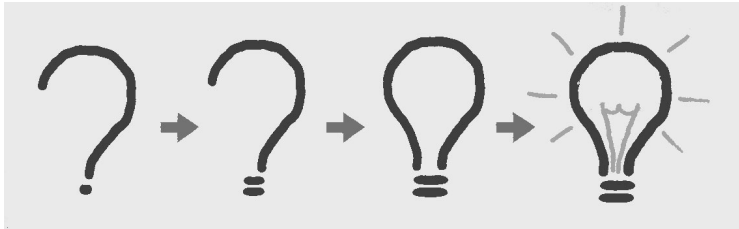
# Introduction

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## Information - Lectures

- Slides will be available on ILIAS after(!) each lesson
- It is recommended to attend the lectures
- Written (Modul-)exam at the end of the semester; procedures will be announced in a couple of weeks
- You have to have >60% of the points from the exercises in order to sign up for the exam
- Ask questions!



# Introduction

## Information - Exercises

- At the beginning of each exercise participants mark which examples they have solved
- Teacher selects one person (from those who have marked that example) randomly so that she/he can present the solution in front of the class. Are the result and the way to find the solution correct does everybody who marked that example, get the points. Is there a problem with the solution, will the student not get the points and another student is selected to present her/his solution.
- Important: should you have a justified reason that prevents you from attending a certain exercise, please contact us in advance!



# Introduction

We expect that you have taken courses on

- Vector- und matrix algebra
- Basic maths (Derivatives, ODE, ...)
- Basic physics (Newton's laws, torque, angular momentum, ...)
- Statistics and error propagation



**If you feel that you need a "refresher" in one or several of these topics, please read the lecture material from previous GEOENGINE courses. You can also consult us during this course, if you need extra literature that helps you to catch up.**

# Introduction

## Schedule

Lecture	Exercise
15.10.2019	—
22.10.2019	—
—	30.10.2019
—	—
12.11.2019	—
19.11.2019	20.11.2019
26.11.2019	—
03.12.2019	—
10.12.2019	11.12.2019
17.12.2019	—
07.01.2020	08.01.2020
14.01.2020	—
21.01.2020	22.01.2020
28.01.2020	—
—	05.02.2020

Note: Homework task will be made available online  
one week ahead of the exercise on ILIAS