

1 ► Lecture

The lecture takes place

Fridays, 8.15–10.00 in room MA A 331.

All important information and exercise sheets can be found at the course website,

<http://anchp.epfl.ch/advancedna/>

Additionally, the lecture notes will be made available as the course progresses. To access them, you first have to **login** using the tiny link at the bottom right of the page.

*Prof. D. Kressner
M. Steinlechner*

2 ► Exercises

The exercises take place

Fridays, 10.15–12.00 in room MA B 1486.

As the exercise sheets will consist of both theoretical and practical (MATLAB) parts, consider bringing your own laptop if you prefer it over the available Computers.

In addition to the weekly exercise sheets, we will issue **2 longer exercise sheets** during the semester after approximately 1/3 and 2/3 of the course. You will have two weeks to solve these exercise sheets and compile your solutions in a short report. Your submission will be corrected and will **contribute to the final grade**.

3 ► Exam and Grading

A written exam (3 hours) will take place in the summer session. The final grade will be determined in the following way:

10% first exercise sheet,
10% second exercise sheet,
80% written exam.

4 ► Resources

Bibliography Lecture notes will be provided by the instructor.

Complimentary reading:

Hairer, E.; Norsett, S. P.; Wanner, G. Solving ordinary differential equations. I. Springer, 1987.

Nocedal, J.; Wright, S. J. Numerical optimization. Second edition. Springer, 2006