

# NMR in Materials Chemistry

## Schedule 2020

- *Lecturer:* Mattias Edén (ME)
- *Teaching Assistant:* Aleksander Jaworski; all labs and calculation exercises
- *Daily Schedule:* morning sessions 9.15-12.15  
afternoon sessions start at 13.15  
L = lecture  
LAB = lab. exercises; 3 in total  
Note that there are two lab-groups; A & B  
CE = calculation exercise (3 in total)
- *Course literature:* Most of the course material is in the form of notes and papers handed out during the course and selected parts of the book “Spin Dynamics: Basics of Nuclear Magnetic Resonance”, Malcolm Levitt (Wiley, Chichester).  
Compendia of laboratory and calculation exercises.
- *Contact:* [mattias.eden@mmk.su.se](mailto:mattias.eden@mmk.su.se); phone: 08-162375

**Note that the course starts 3/11 @ 10.00. All other morning sessions start 09.15.**

All lectures will most likely be given *via zoom* (depending on the number of students in the course). Information will be provided later where to meet for lab instructions before each lab.

| Week & dates      | Monday       | Tuesday      | Wednesday    | Thursday             | Friday               |
|-------------------|--------------|--------------|--------------|----------------------|----------------------|
| 45<br>2/11-6/11   |              | L1(ME)       |              |                      | CE1                  |
|                   |              | L2(ME)       | L3(ME)       | L4(ME)               | L5(ME)               |
| 46<br>9/11-13/11  | L6(ME)       | LAB1 (A)     | LAB1 (B)     | L7(ME)               | L8(ME)               |
| 47<br>16/11-20/11 | L9(ME)       | L10(ME)      | L11(ME)      | L12(ME)              | L12(ME)<br>CE2       |
| 48<br>23/11-27/11 | L14(ME)      | LAB2 (A)     | LAB2 (B)     | LAB3 (A)<br>LAB3 (B) | CE3(rep)<br>L15(rep) |
| 49<br>30/11-5/12  | Reading time | Reading time | Exam (10-15) |                      |                      |