

News of the week (week 1)

Moodle is now updated.

- Each week, before the class, I will upload the slides for the current week and the solutions to the exercises of the former week.
- There might be multiple slide-pack files for one week.
- The main weekly slide-pack file will contain a slide with questions for self-assessment of understanding, and exercises (to be done in the exercise hour, provided there is sufficient time, or at home)
- I won't generally check that you will develop exercises but they are recommended; sometimes they might be discussed during the class.
- Final timeline of the course is available (next slide)!

Final timeline

- 1 12 Sep: Introduction to course and simple SOE/SOC models + exercises
- 2 19 Sep: Energy storage attributes and energy storage applications + exercises
- 3 26 Sep: Scheduling energy storage operations (on video) + coding exercises
- 4 03 Oct: Battery energy storage systems (BESS) + visit to the BESS of EPFL
- 5 10 Oct: Guest lecture "Energy storage in power systems: technologies, applications and future needs" (Dr. Antonio Zecchino, Alpiq)
- 6 17 Oct: Battery equivalent circuit models
- 7 24 Oct: Holiday week
- 8 31 Oct: Battery Management Systems (BMS)
- 9 07 Nov: Laboratory 1: model identification of battery cells (**4 hours** - we might be faster)
- 10 14 Nov: Laboratory 2: state-of-charge estimators (**4 hours** - we might be faster)
- 11 21 Nov: Hydropower and Pumped-Storage Hydropower (PSH)
- 12 28 Nov: Independent work
- 13 05 Dec: Presentations day
- 14 13 Dec: Reserve day