Topics Spring Semester 2023

http://www.isi.ee.ethz.ch/teaching/courses/it2.html

- Differential entropy, including maximum entropy principle.
- AEP for continuous RVs.
- The Gaussian channel.
- The multiple-access channel (MAC).
- The broadcast channel (BC).
- Channels with states.
- Method of types, Sanov’s theorem, Stein’s lemma.
- Soft covering and wiretap channel.
- Fisher information.

*Please note that this list of topics is preliminary and might still change during the semester.*