**Summary**

This course is intended to give to the participants (graduates, researchers and industrial professionals) a solid background in tribology and surface interactions. It covers the fundamentals concepts of tribology including surfaces, contact mechanics, friction, lubrication and wear.

**Content**

Please find the content of this course on the following link:
https://www.epfl.ch/research/domains/ccmx/courses-and-events/2020sstribology/?mc_cid=f8965f029e&mc_eid=1f0a525ce4

**Note**

This course is open to participants with basic backgrounds in basics in material science and mechanics.

**Keywords**

Wear, friction, lubrication, surfaces, interfaces, coatings, ceramic, metals, polymers, composites, stresses, watches, implants, bearings, tribochemistry

**Assessment methods**

Written exam.

**Resources**

**Websites**

- [https://www.epfl.ch/research/domains/ccmx/courses-and-events/2020sstribology/?mc_cid=f8965f029e&mc_eid=1f0a525ce4](https://www.epfl.ch/research/domains/ccmx/courses-and-events/2020sstribology/?mc_cid=f8965f029e&mc_eid=1f0a525ce4)