

Summer school

Discover
the foundations of

mobile robotics

July 8-11, 2019

How does a machine learn?

How can a robot sense its
environment?

How can it process information?

How can it localise itself
and navigate autonomously?

go.epfl.ch/summerschool_robotics

During this 4-days summer school, participants will explore the foundations of mobile robotics while working on a Thymio-robot.

Alternating theory sessions and practicals, Prof. F. Mondada and Dr A. Dame will address topics like sensors, motion, control, local navigation or neural networks.

This summer school is a collaboration with two high-schools in Bern, Gymnasium Neufeld and Gymnasium Kirchenfeld.

- When:** July 8-11, 2019
- Location:** EPFL
- Teaching team:** Prof. F. Mondada et Dr. A. Dame.
- Who can participate:** Motivated high school students.
- Prerequisites:** Some experience in programming (any language).
The course language is English.
- Costs:** Participation in the summer school is free.
Participants have to pay for their living expenses (housing and food).
- Housing:** Beds are pre-booked at Jeunôtel (the Youth hostel in Lausanne) until May 31.
- Registration:** go.epfl.ch/summerschool_robotics
Students of the partner gymnasiums should register directly at their school