Introduction to robotics
Pt. 1: Sensors and actuators

Start: 26 April 2017
9 Lectures + Final Test
Wednesday, Thursdays and Friday
Room E4.20 and BITZ FabLab, 2–4 p.m.
Max participants: 20

Come see computing become alive! Some slides and a lot of mini-experiments will teach you how to build small systems that can interact with the world. In this first part of the course we will deal with the key elements of a robotic system and of microcontroller-based devices.

After attending this course participants will possess basic notions of:
— Common robotics sensors and actuators
— Microcontroller systems and interfacing

Prerequisites:
Basic knowledge of the C/C++ languages. Pre-existing familiarity with basic analog and digital electronics, and with the MatLab and Arduino environments may be helpful but is not required.

Registration:
Limited places (20) – register a soon as possible!
By March 27 2017, send an e-mail to computer.science@unibz.it including:

[1] a presentation of yourself
[2] the detail of your skills in computer science
[3] your motivation for attending the course